

— FIGURE 1 —

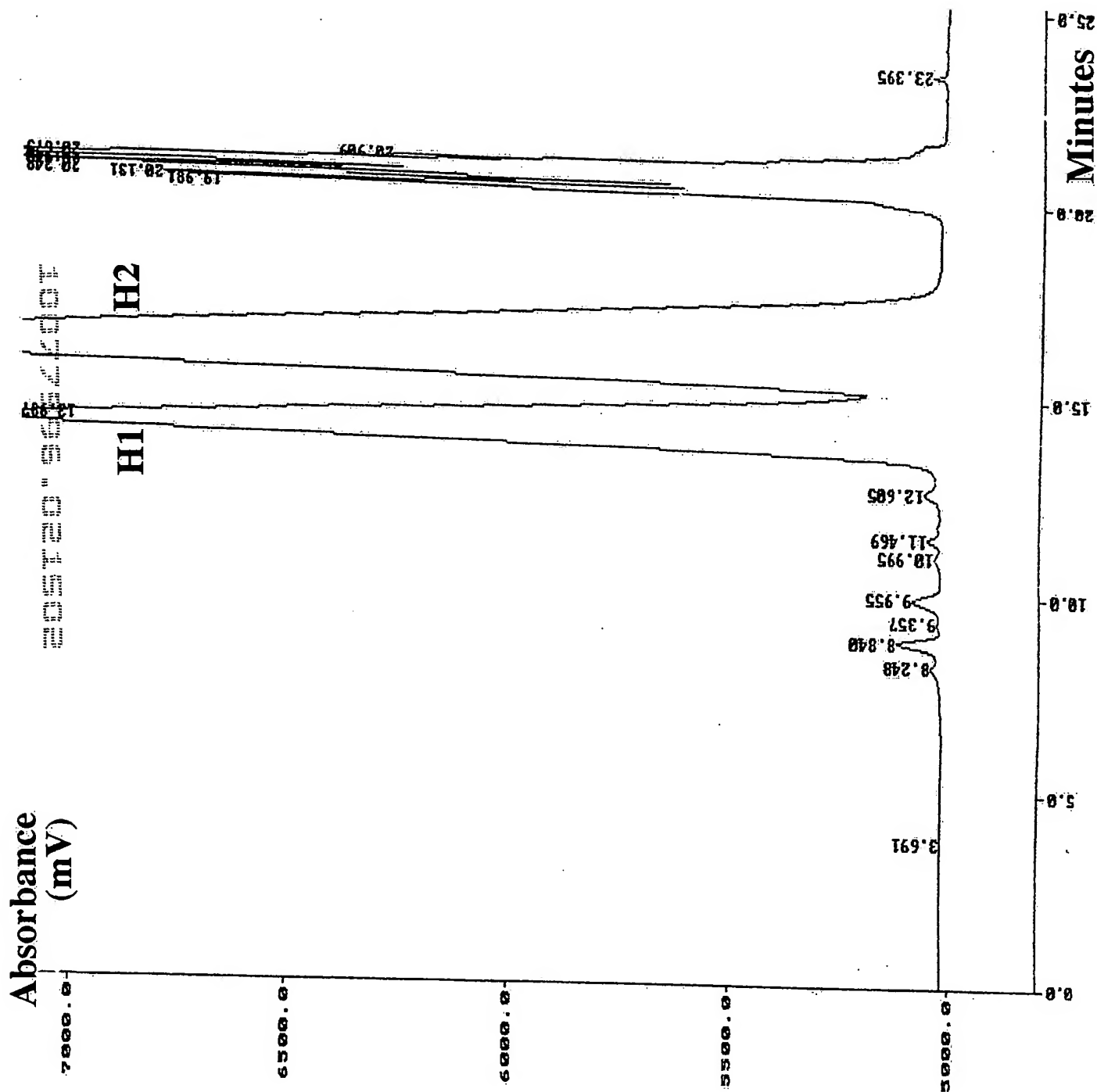
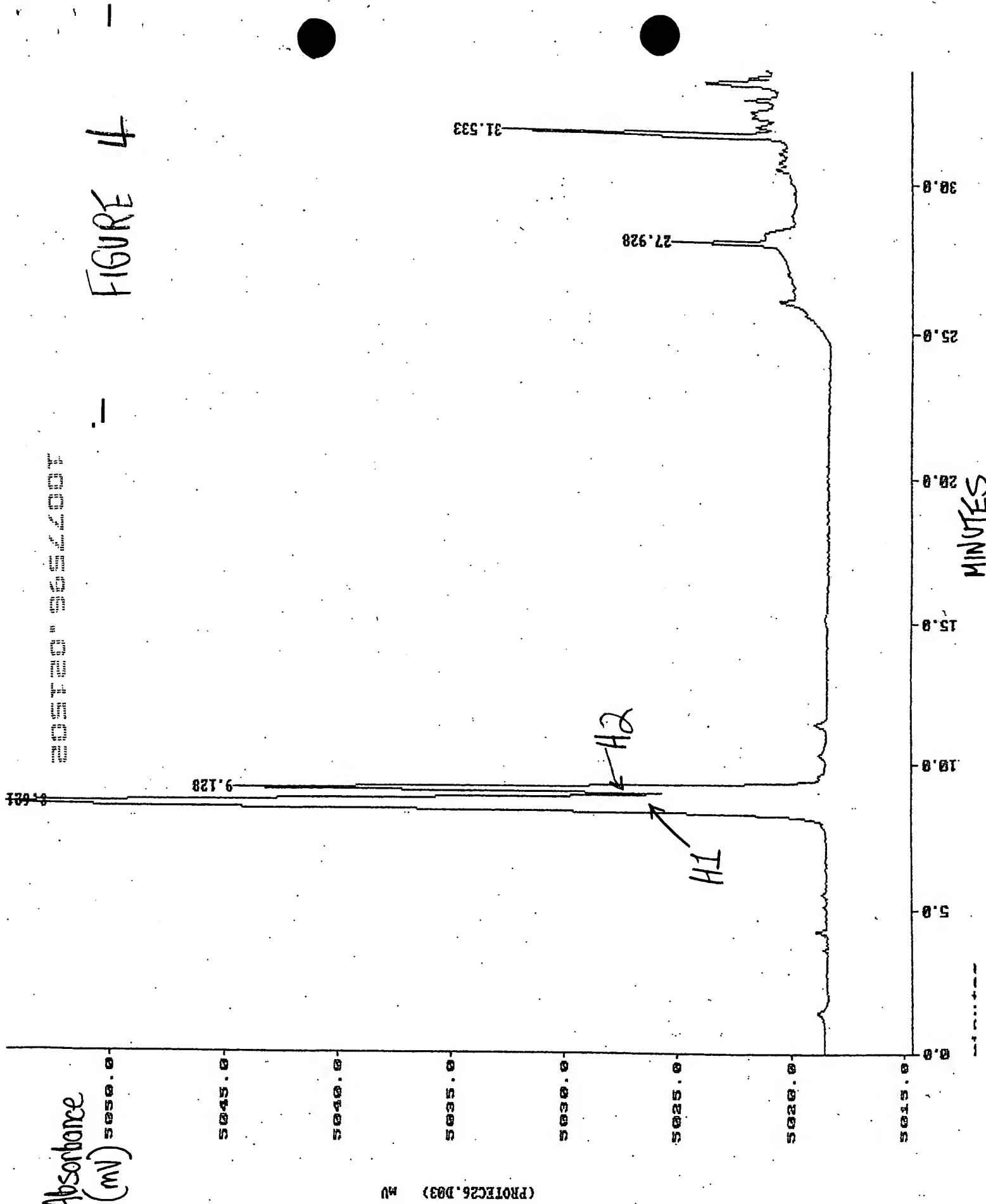


FIGURE 3



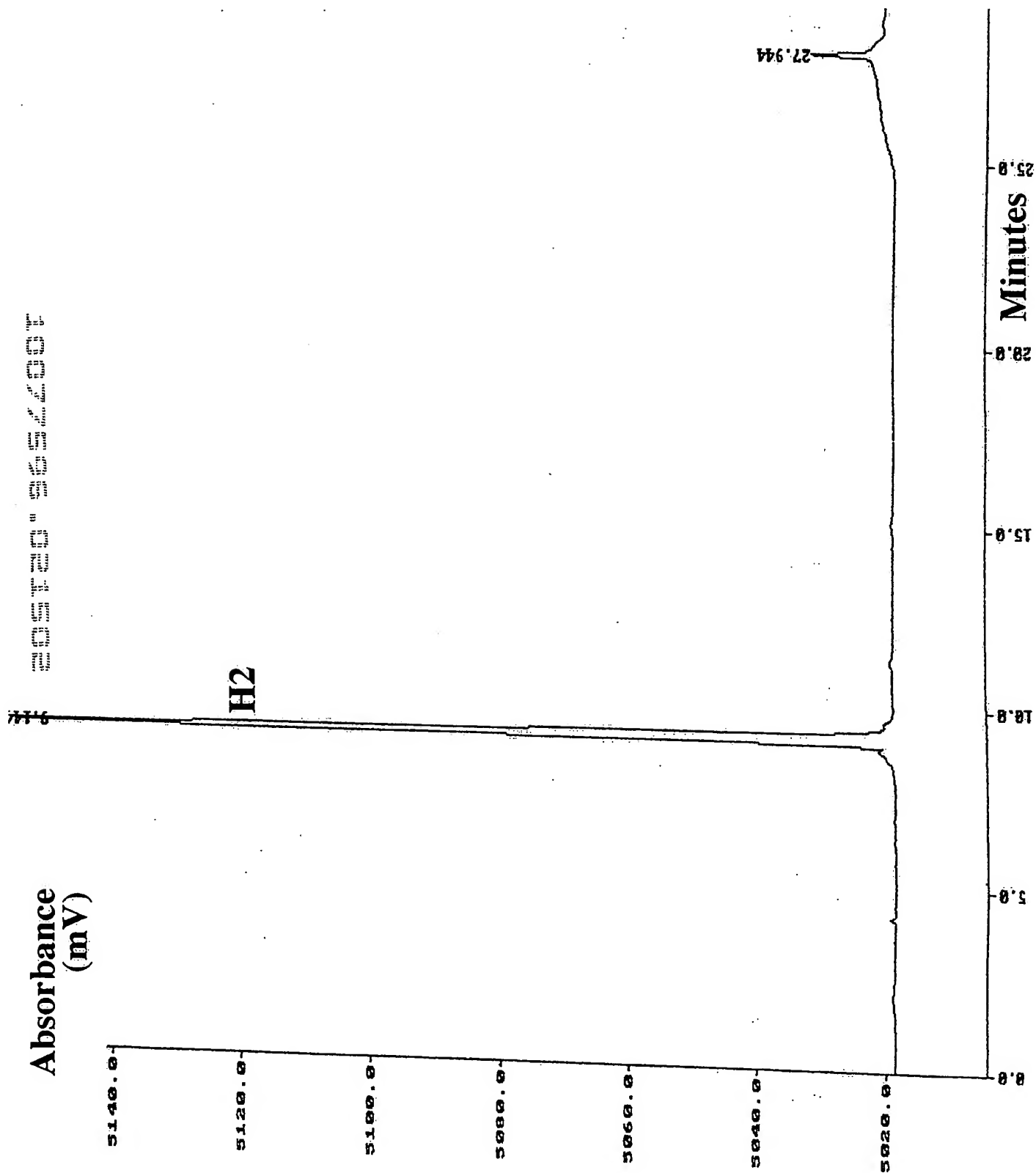


FIGURE 5

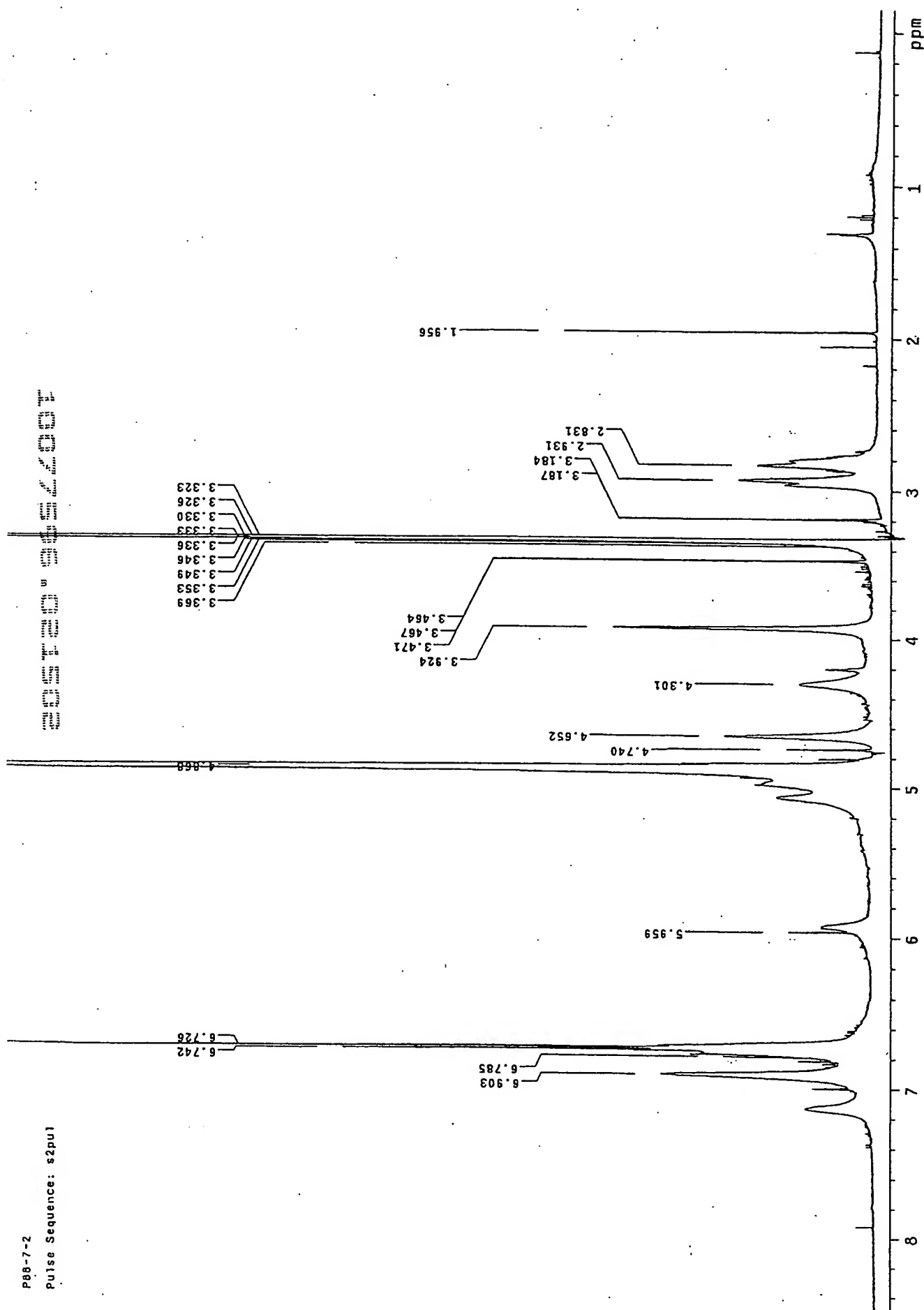


FIGURE 6

100 90 80 70 60 50 40 30 20 10 0

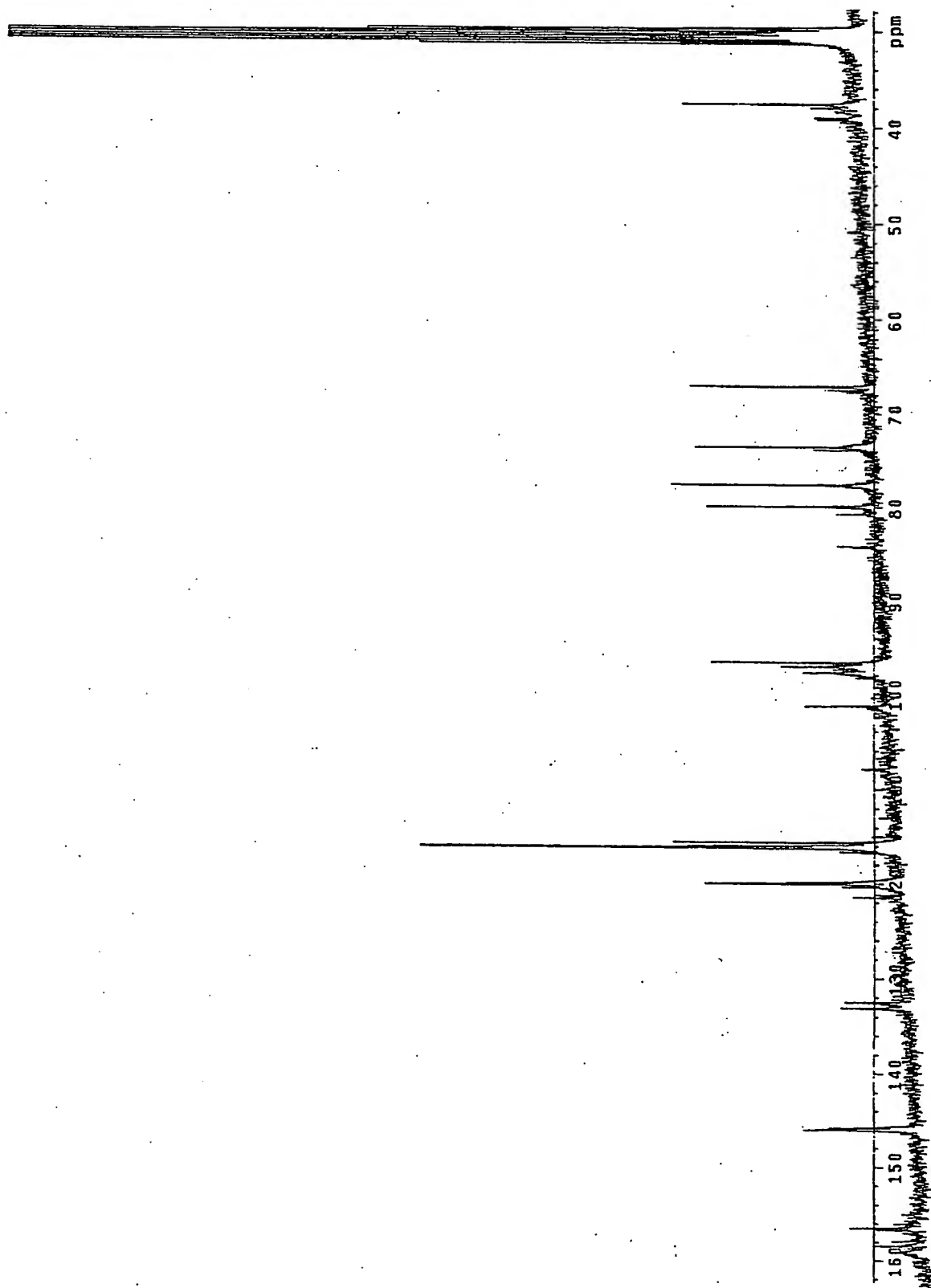


FIGURE 8

P88_14_2

Pulse Sequence: s2pul

Solvent: Acetone

Temp: 25.0 C / 298.1 K

INOVA-300 "callisto"

Relax. delay 1.000 sec

Pulse 44.0 degrees

Acq. time 2.048 sec

Width 4000.0 Hz

32 repetitions

OBSERVE H1, 299.9001792 MHz

DATA PROCESSING

FT size 32768

Total time 1 min, 37 sec

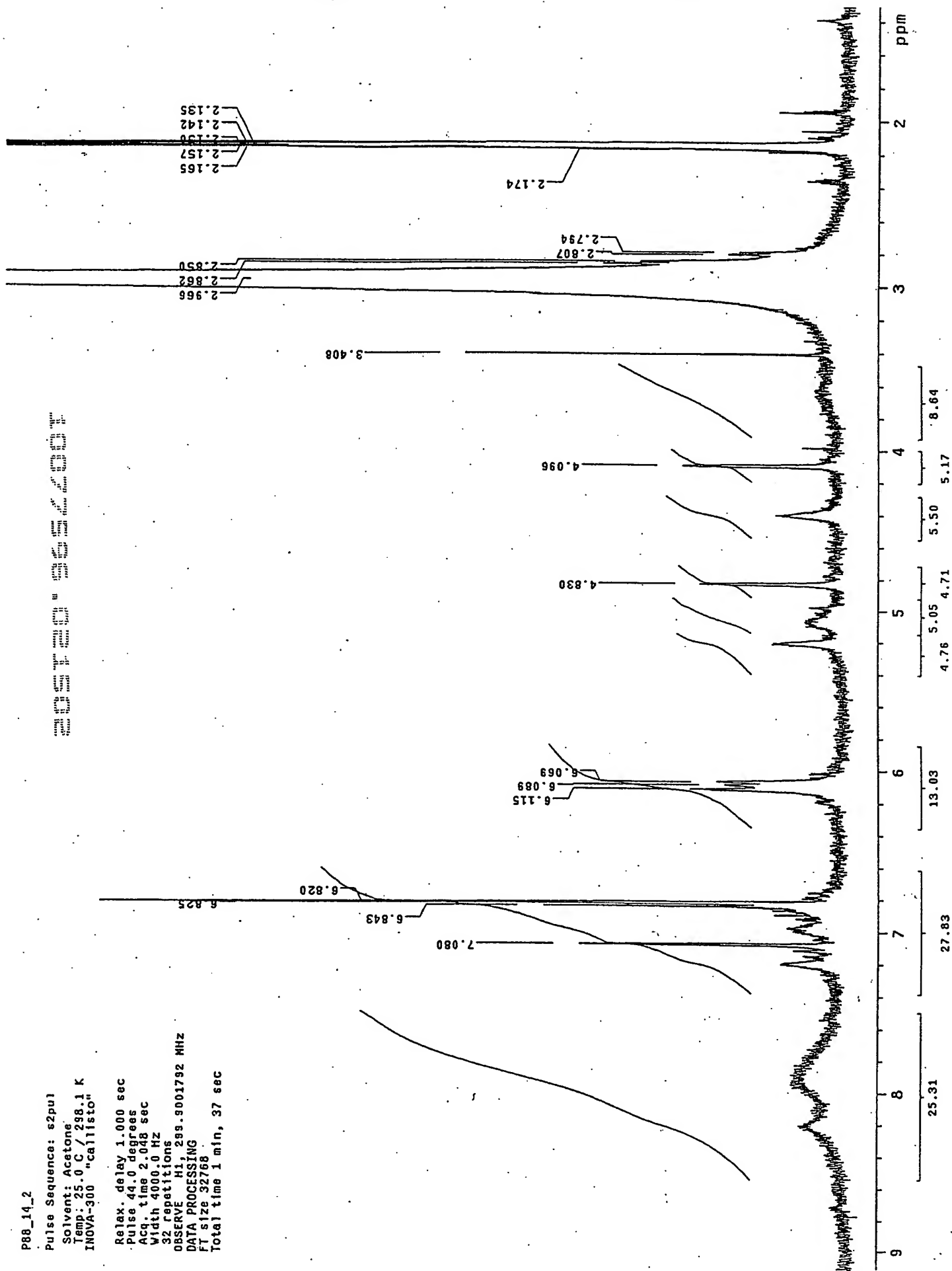
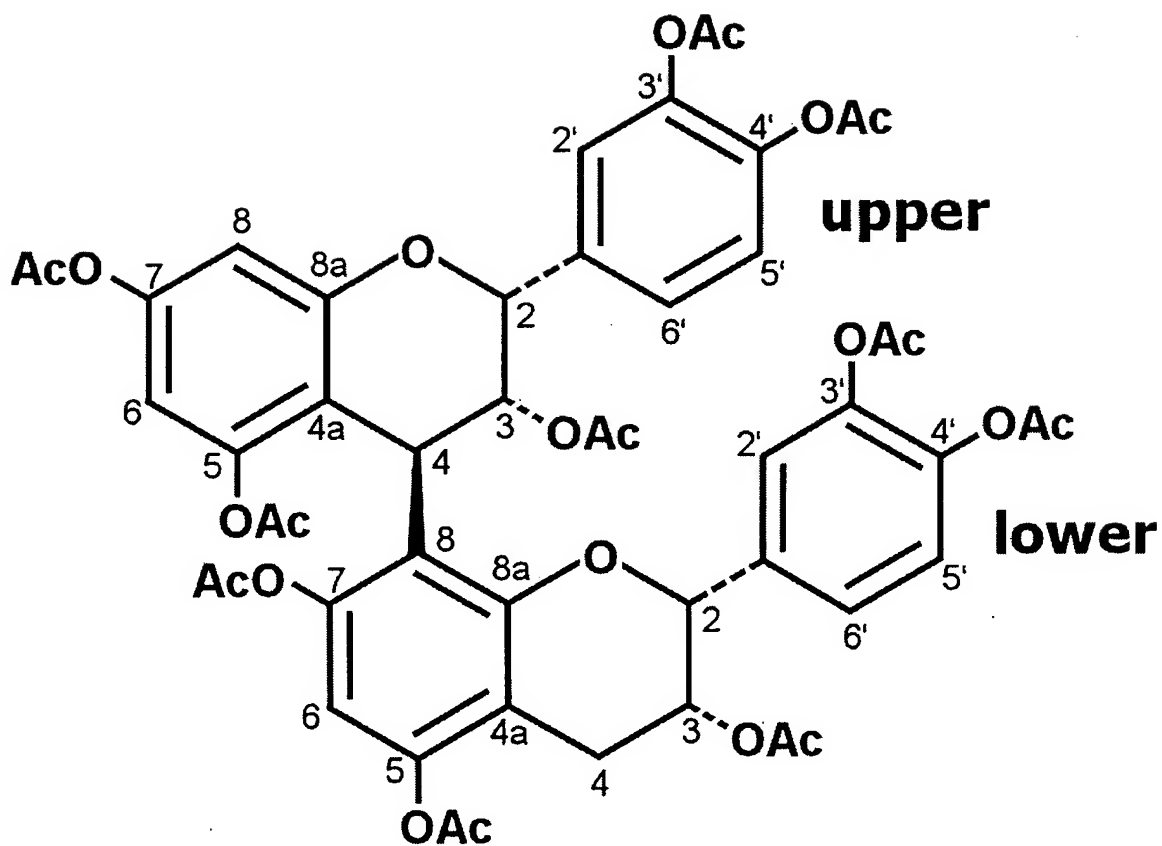
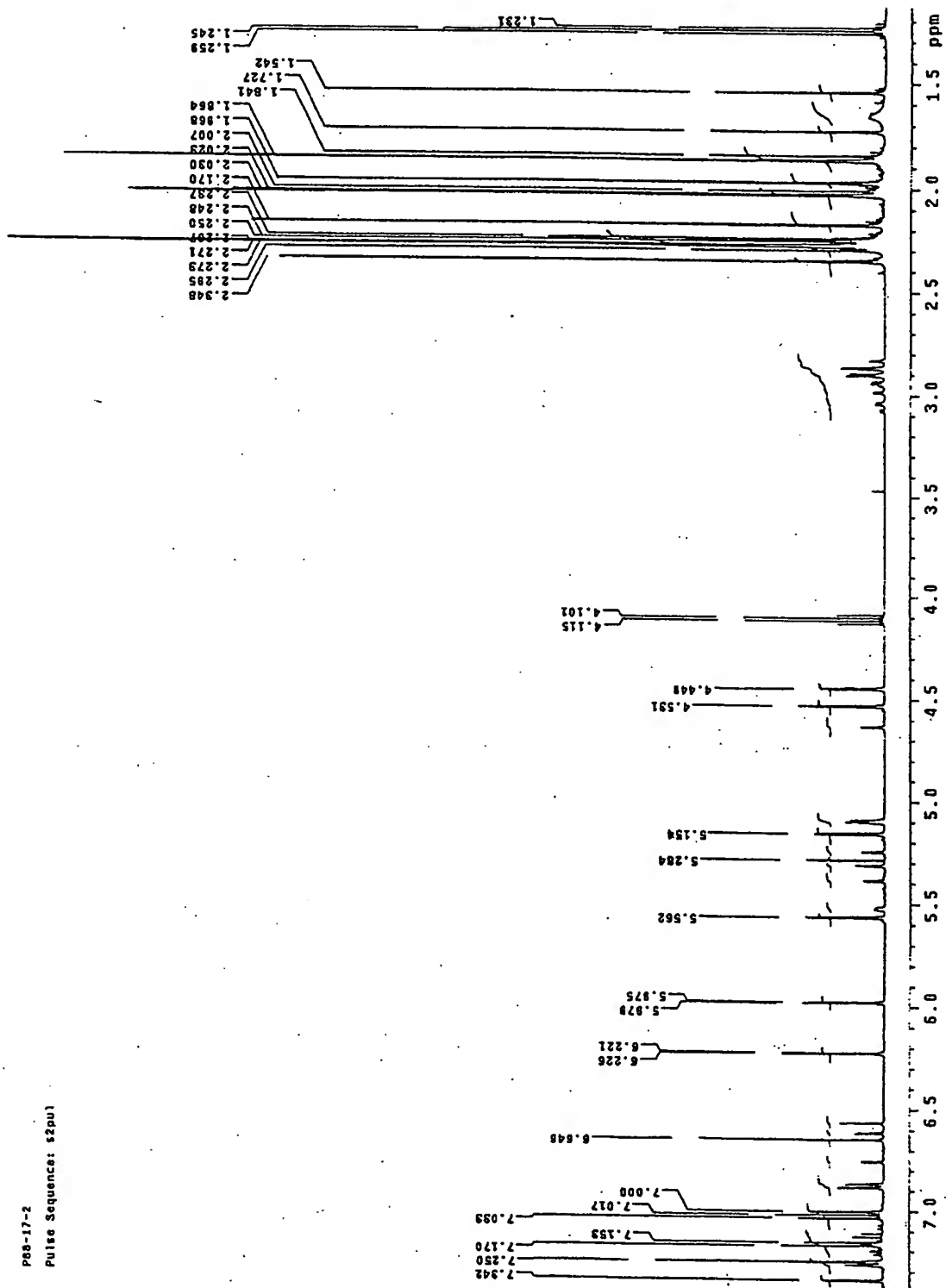


FIGURE 9



— FIGURE 10 —

NMR 8. ¹H NMR spectrum of H2 peracetate (3) in CDCl₃.



P88-17-2
Pulse Sequence: s2pul

FIGURE 11

P88-17-2
Pulse Sequence: s2pu1

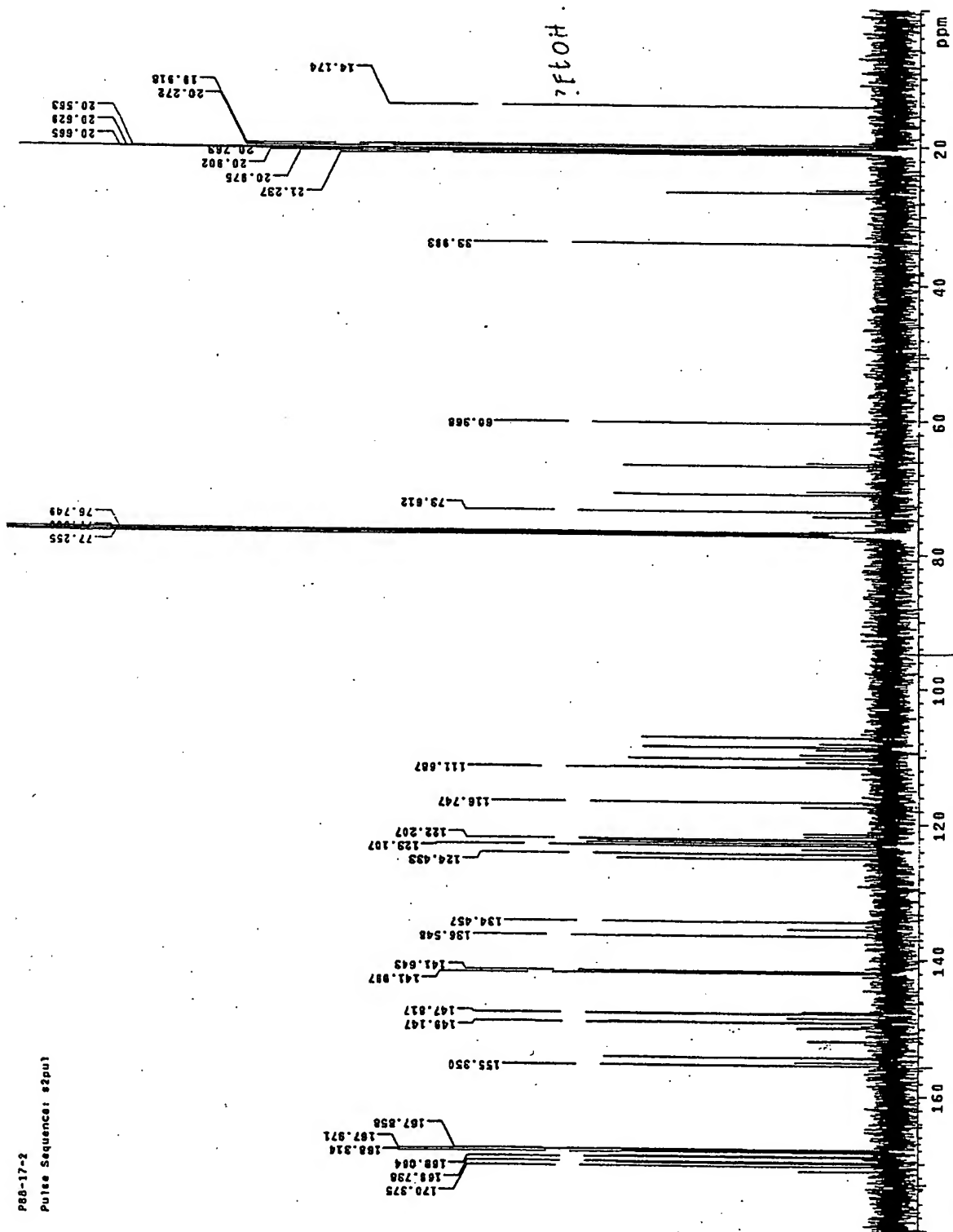


FIGURE 12

NMR 12 CIGAR ¹H - ¹³C correlation spectrum of H2 peracetate (3).

P88-17-2

Pulse Sequence: CIGAR

Solvent: CDCl₃

Temp. 25.0 C / 298.1 K

User: 1-14-87

INNOVA-500 "europa"

Relax. delay 1.000 sec

Acq. time 0.241 sec

Width 4247.6 Hz

2D Width 22618.0 Hz

32 repetitions

400 increments

OBSERVE H1 499.7381975 MHz

DATA PROCESSING

Source apodization 0.121 sec

Sine bell 0.018 sec

F1 DATA PROCESSING

Gauss apodization 0.018 sec

Sine bell 0.018 sec

FT size 2048 x 8192

Total time 4 hr, 57 min, 38 sec

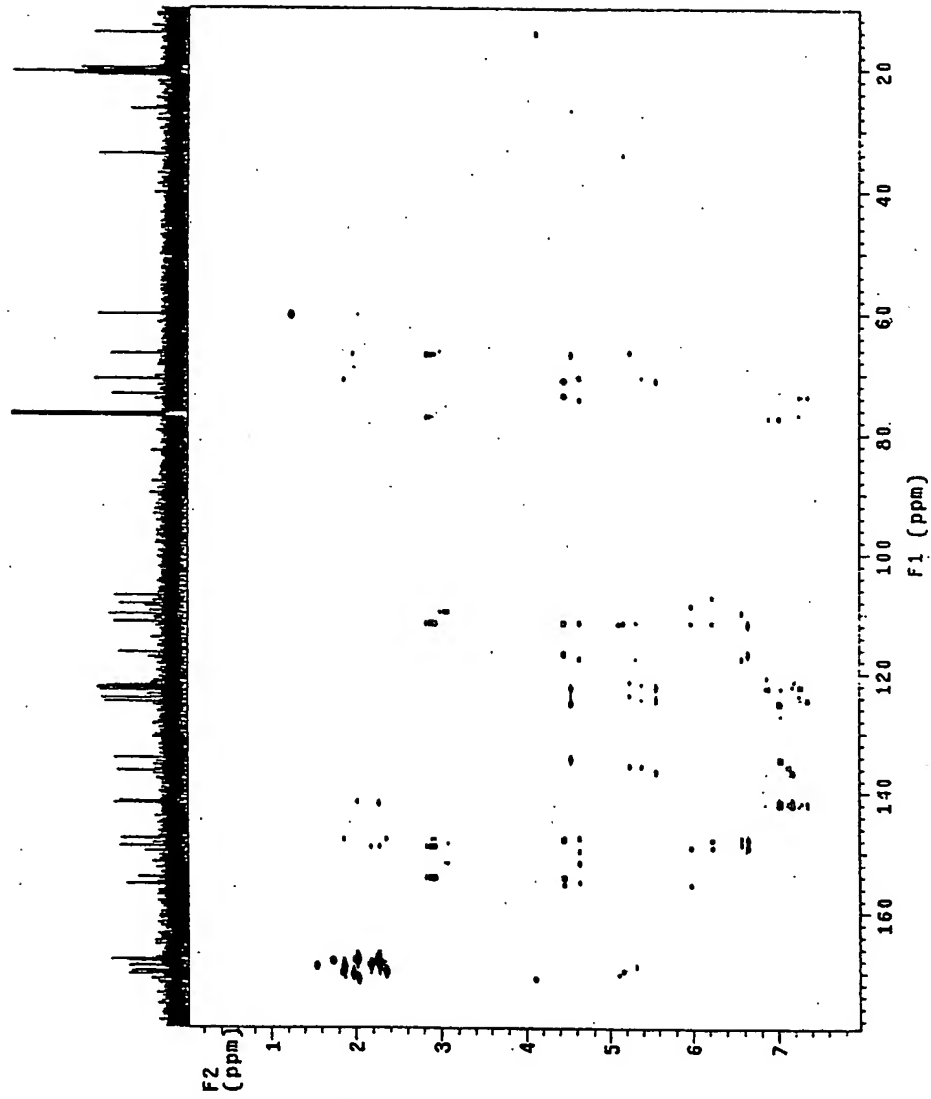


FIGURE 13

P88-17-2

Pulse Sequence: CIGAR

Solvent: CCl_4

Temp. 25.0 C / 298.1 K

File: P88_17_2_cigar

WORKSTATION: "ganymede"

PULSE SEQUENCE: C1QAR

Relax. delay 1.000 sec

Acq. time 0.241 sec

Width 4247.9 Hz
20 Width 22818.0 Hz

32 repetitions

400 increments

08SERVE H1, 498.798157

DATA PROCESSING
Gauss initialization 0 121 sec

8190 6617 0-129

#1 DATA PROCESSING

Gauss apodization 0.

Since bell 0.01B sec
ET 0170 0048 x 0190

Total time 4 hr. 57 min. 38 s

11-11-11

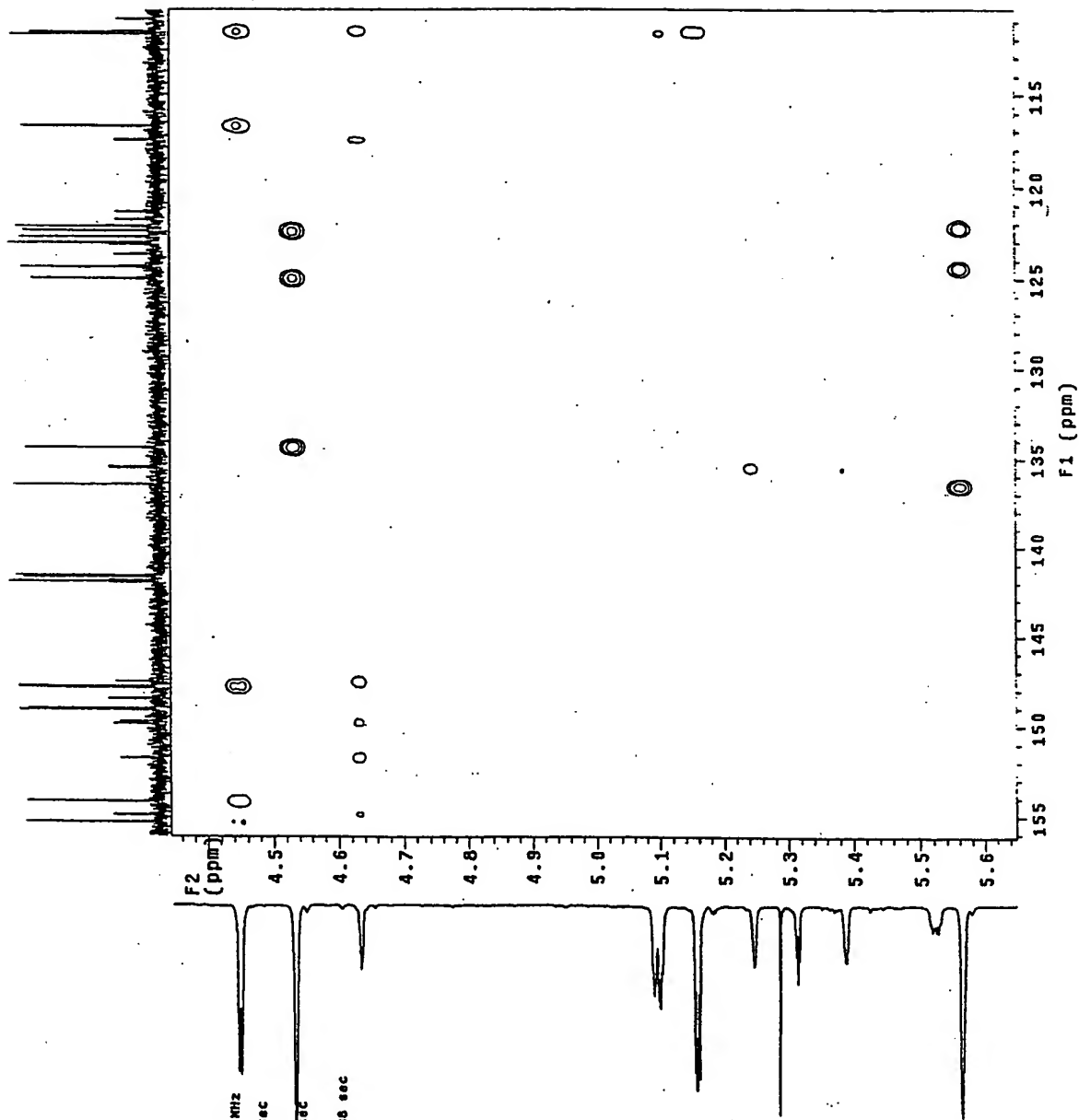


FIGURE 14

NMR 14 NOESY correlation spectrum of H2 peracetate (3).

FIGURE 15

11. 1000

P88-17-2

Pulse Sequence: NOESY

Solvent: CDCl3

Temp. 25.0 C / 298.1 K

File: P88_17_2_noesy8

WORKSTATION "ganymede"

PULSE SEQUENCE: NOESY

Relax. delay 1.500 sec

Mixing 0.800 sec

Acq. time 0.241 sec

Width 4247.9 Hz

2D Width 4247.9 Hz

32 repetitions

2 x 200 increments

OBSERVE H1, 499.7381575 MHz

DATA PROCESSING

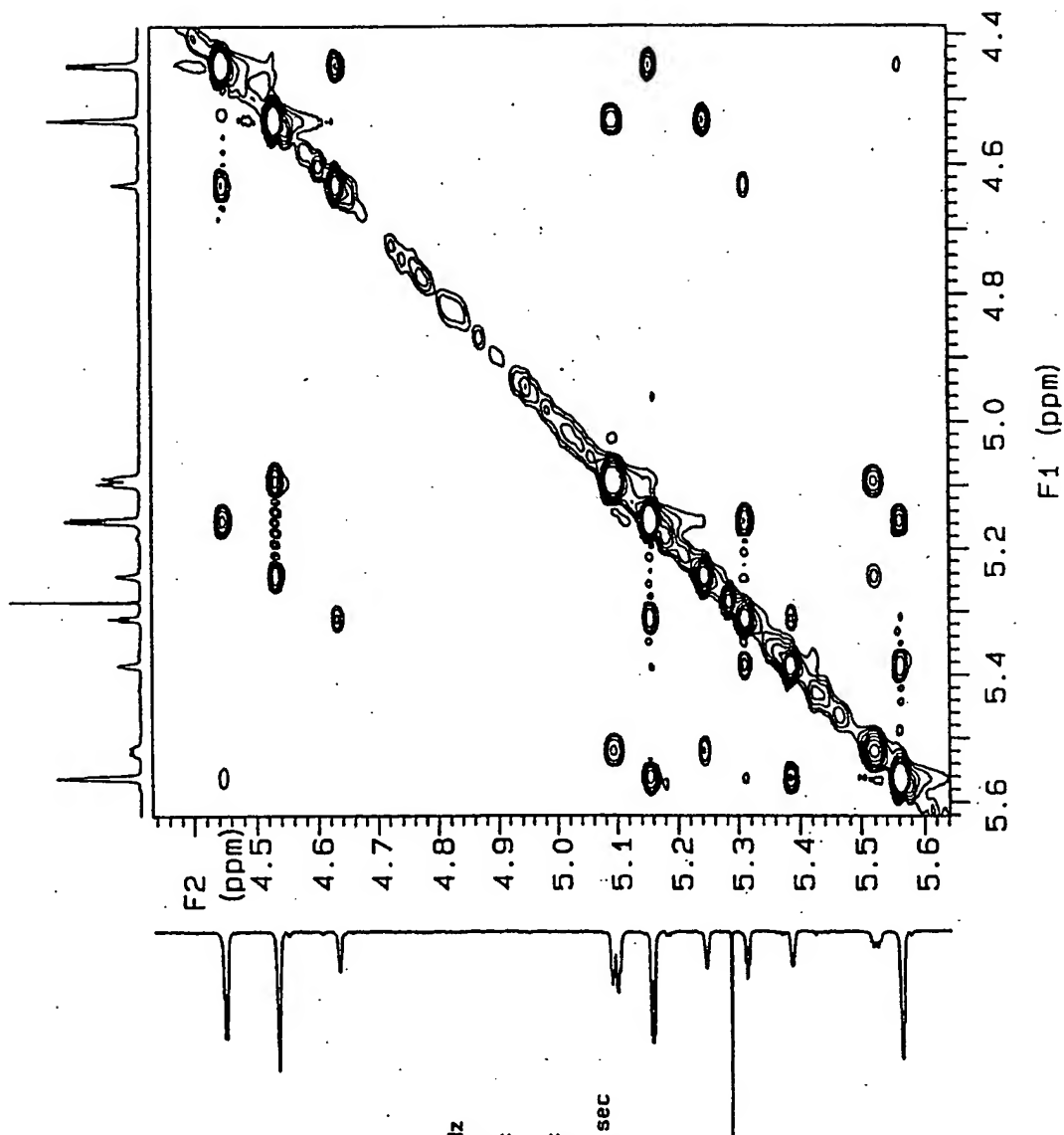
Gauss apodization 0.121 sec

F1 DATA PROCESSING

Gauss apodization 0.047 sec

FT size 4096 x 4096

Total time 9 hr, 11 min, 23 sec



P88-17-2

Pulse Sequence: NOESY

Solvent: CDCl3
Temp. 25.0 C / 298.1 K
File: P88_17_2_noesy8
WORKSTATION "ganymede"

PULSE SEQUENCE: NOESY
Relax. delay 1.500 sec
Mixing 0.800 sec
Acq. time 0.241 sec
Width 4247.9 Hz
20 Width 4247.9 Hz
32 repetitions
2 x 200 increments
OBSERVE H1, 499.7381575 MHz
DATA PROCESSING
Gauss apodization 0.121 sec
F1 DATA PROCESSING
Gauss apodization 0.047 sec
FT size 4096 x 4096
Total time 9 hr, 11 min, 23 sec

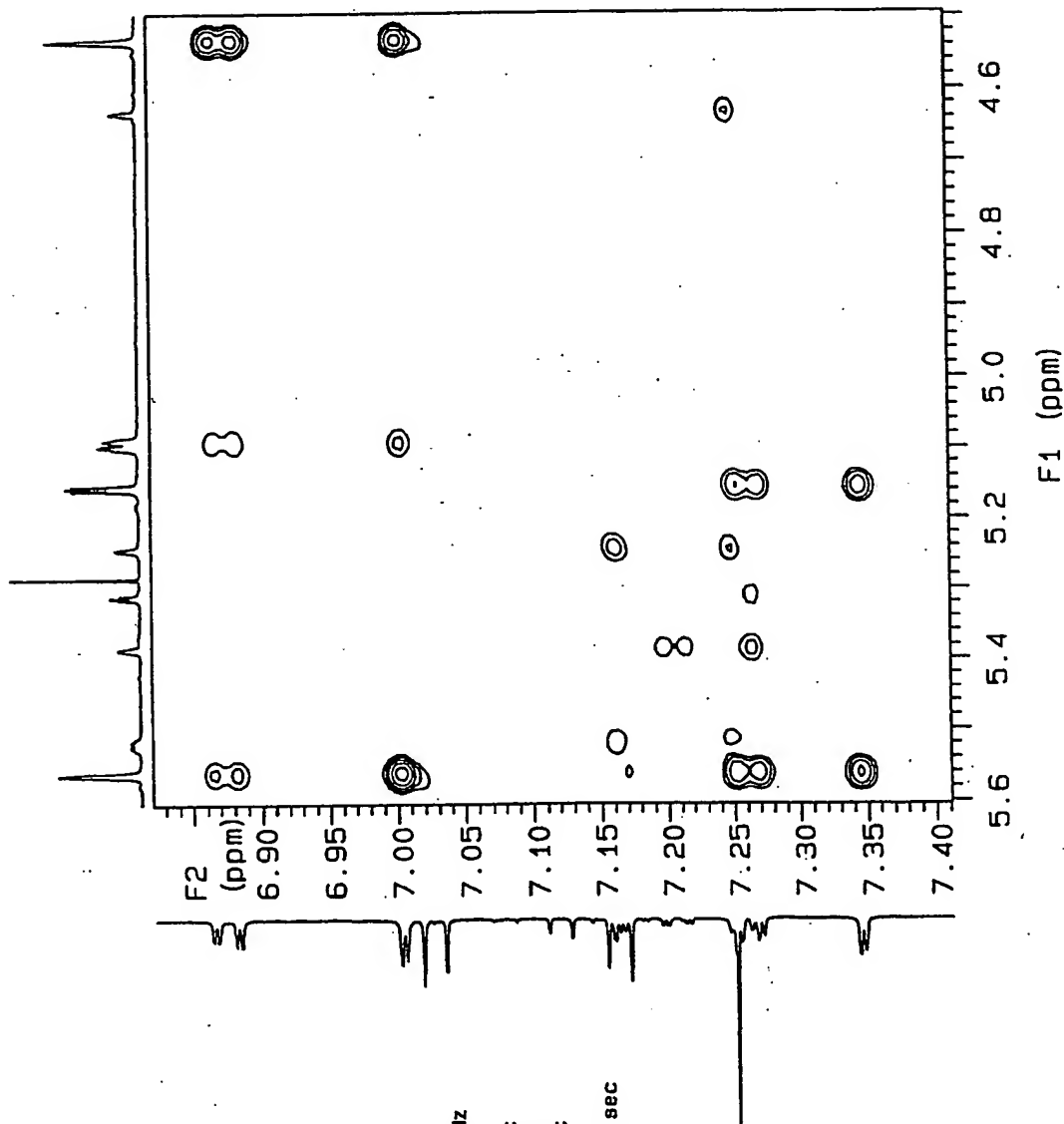
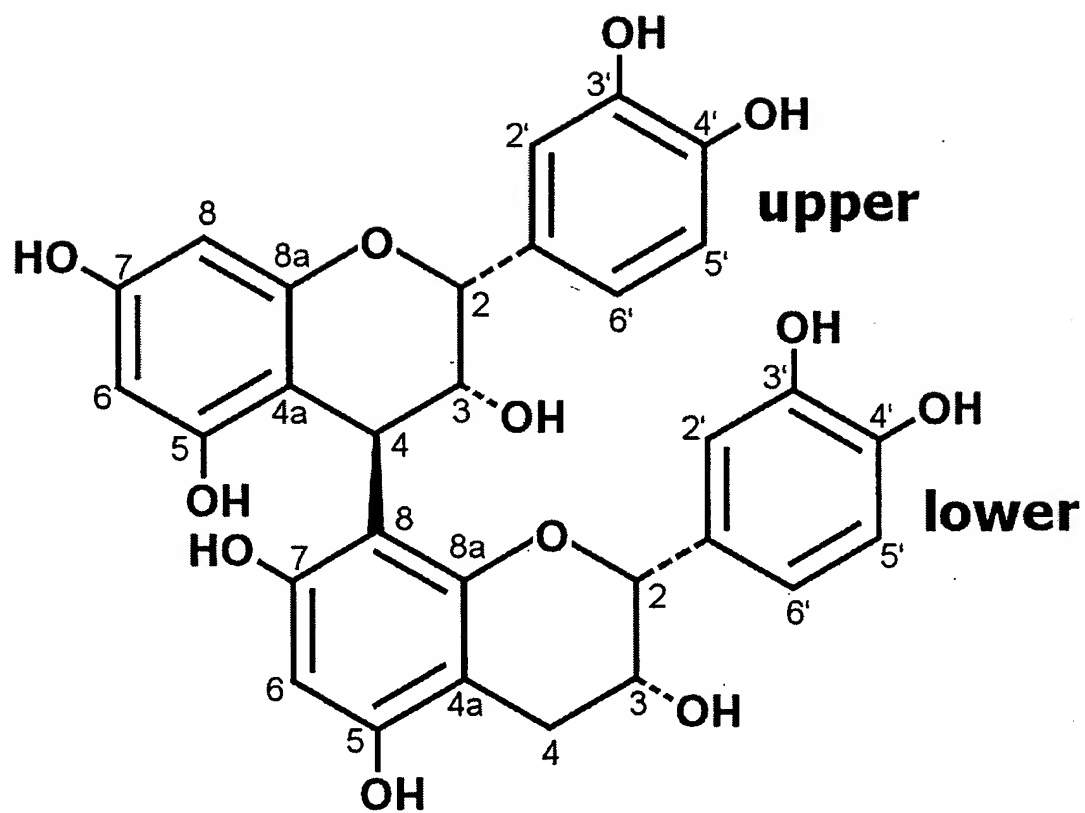


FIGURE 17

2025-09-24 15:10:00



— FIGURE 18 —

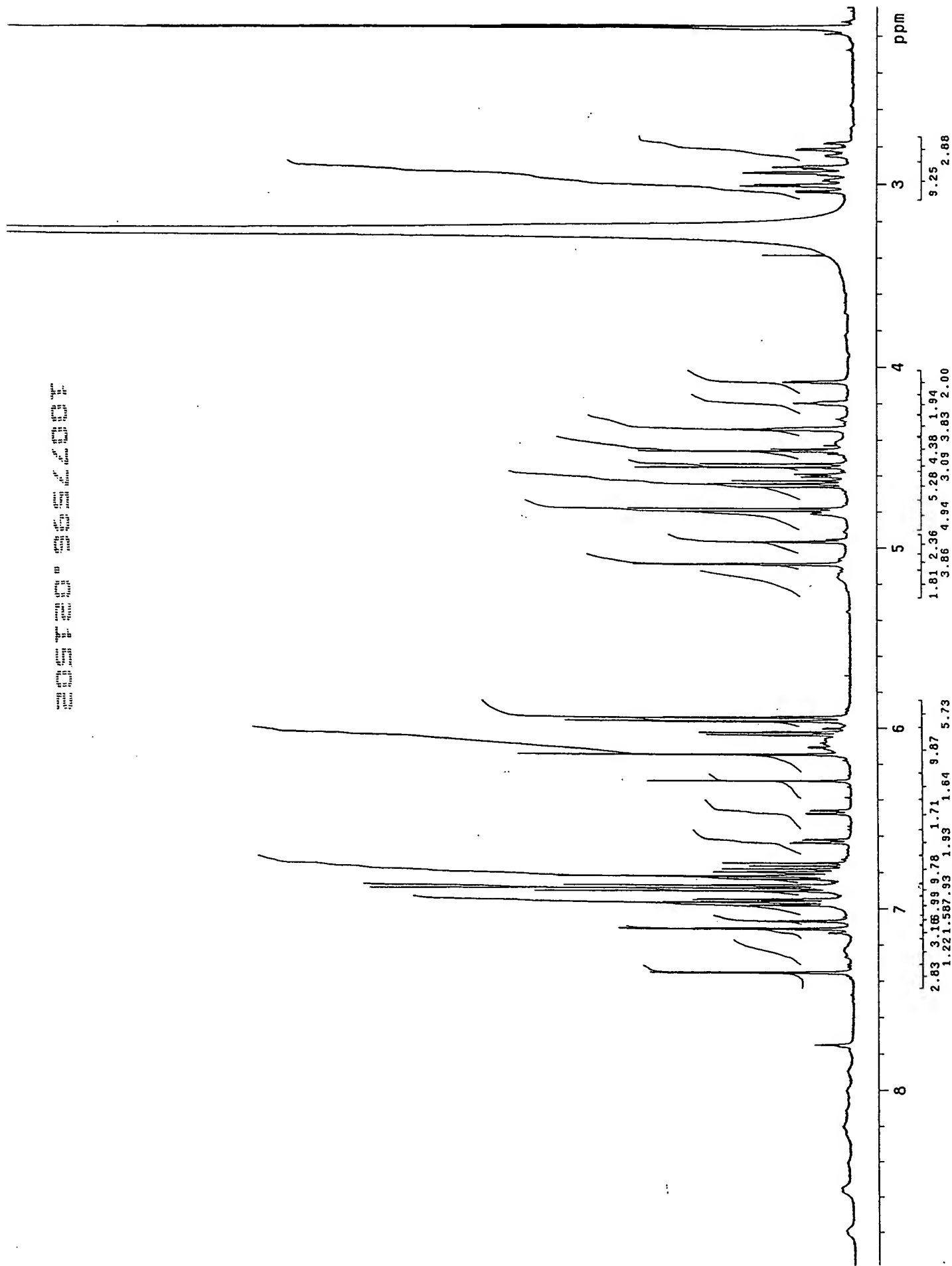


FIGURE 19

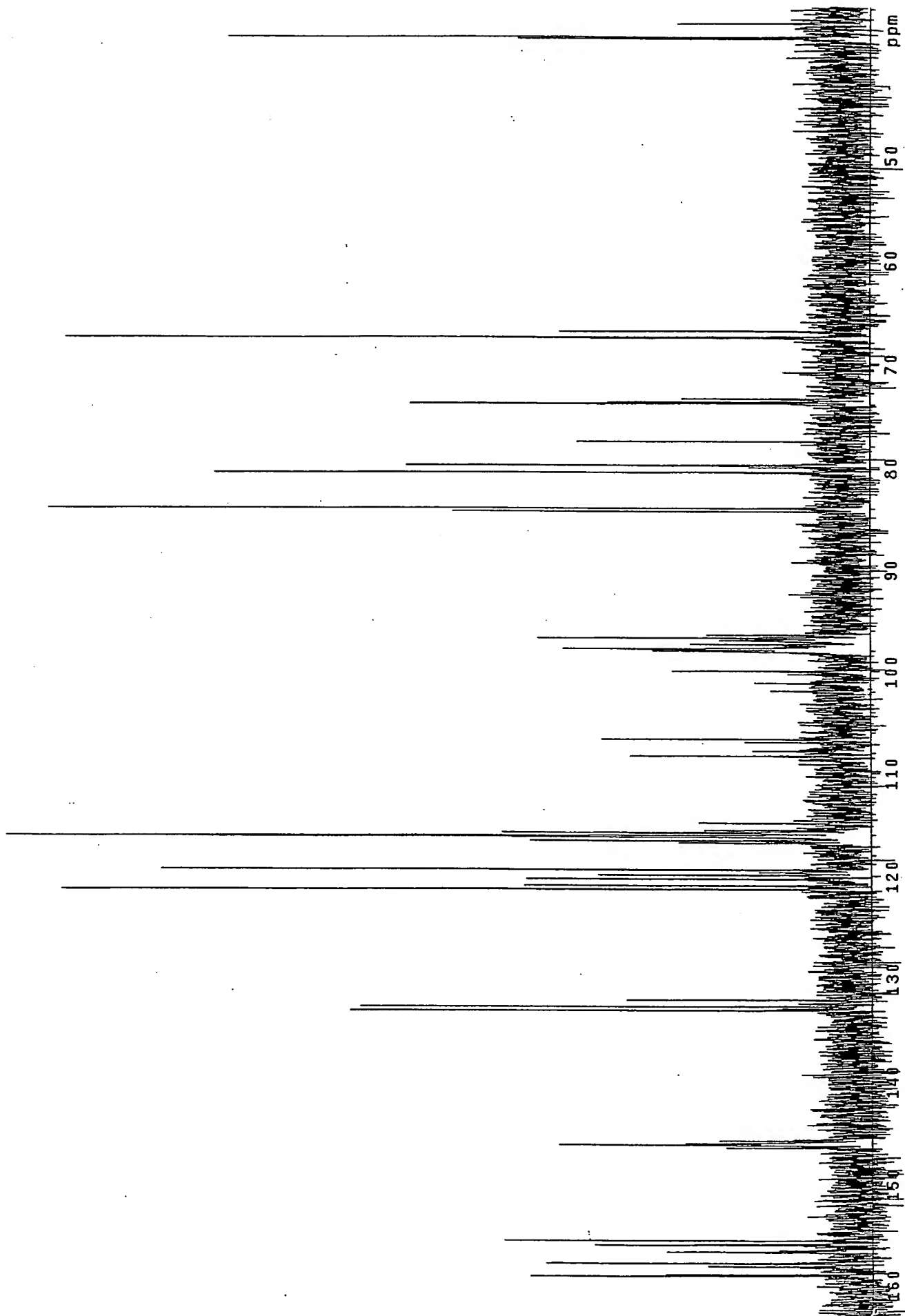
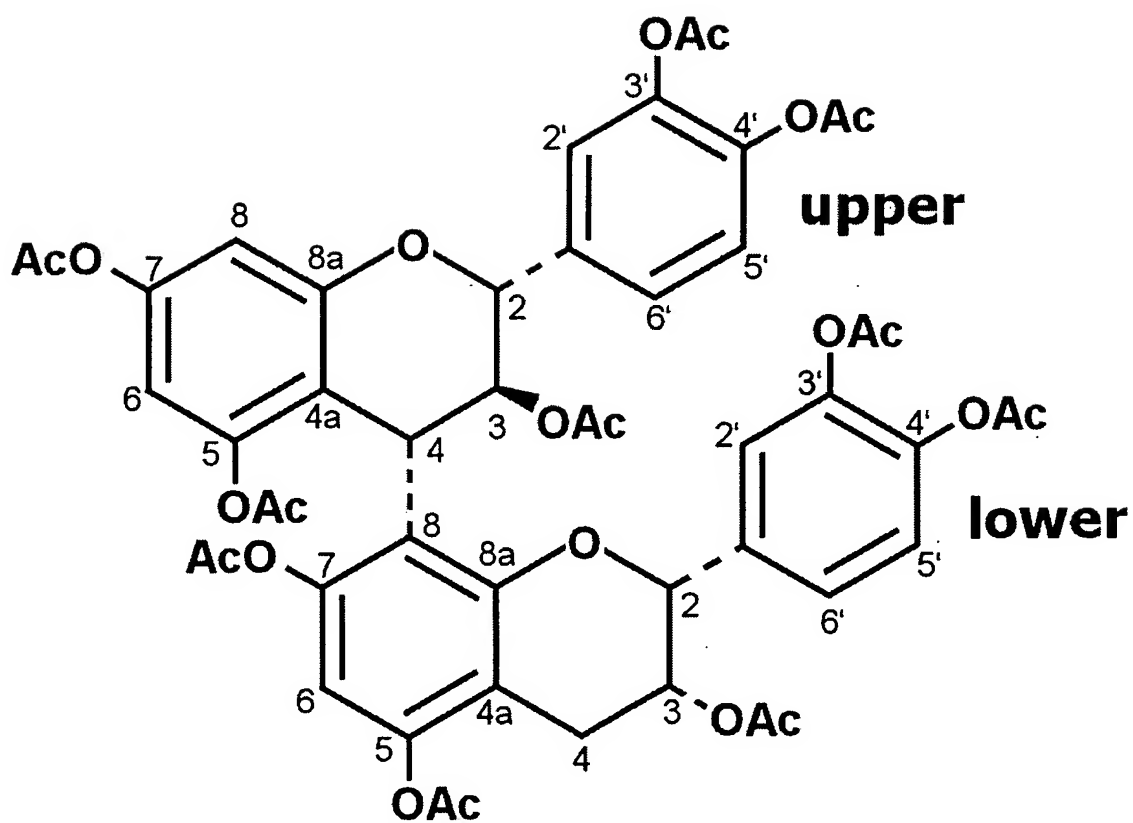
[illegible]

FIGURE 20



— FIGURE 21 —

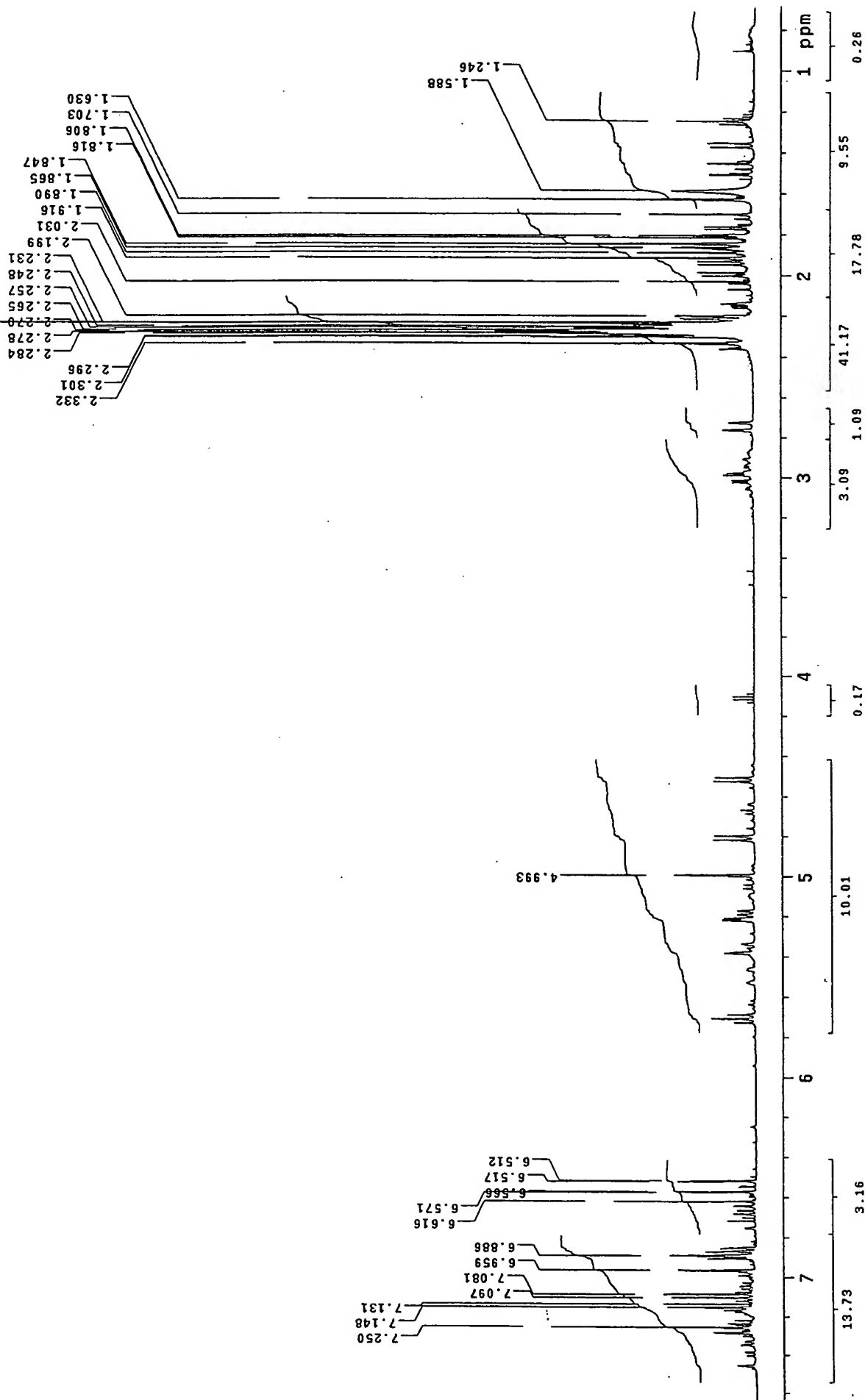


FIGURE 22

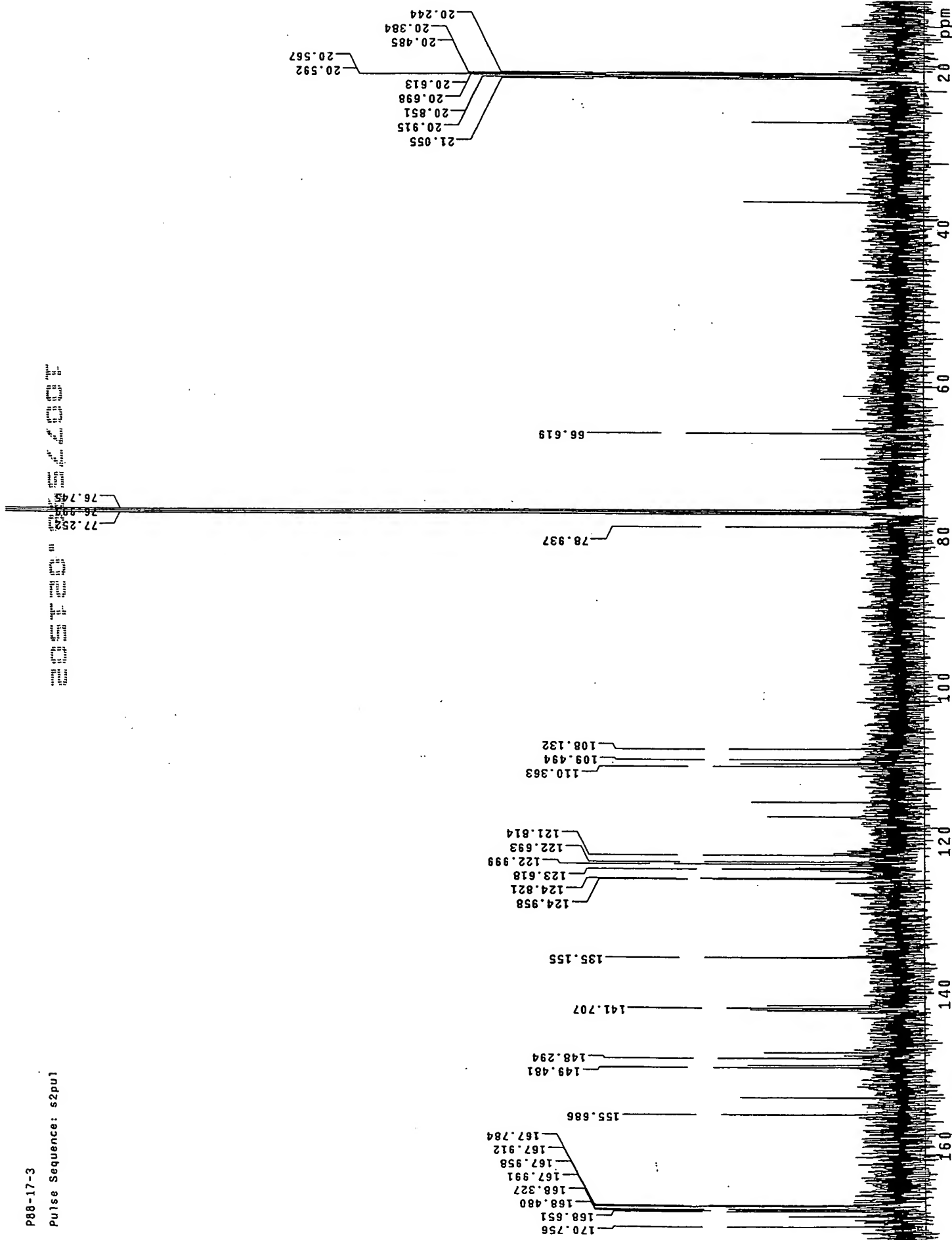


FIGURE 2.3

P88-17-3

Pulse Sequence: CIGAR

Solvent: CDCl₃
Temp. 25.0 C / 298.1 K
User: 1-14-87
INOVA-500 "europa"

Relax. delay 1.000 sec
Acq. time 0.205 sec
Width 4997.5 Hz
2D Width 25139.5 Hz
64 repetitions
256 increments
OBSERVE H1, 499.7381559 MHz
DATA PROCESSING
Gauss apodization 0.102 sec
Sine bell 0.102 sec
F1 DATA PROCESSING
Gauss apodization 0.016 sec
Sine bell 0.007 sec
FT size 2048 x 4096
Total time 6 hr, 9 min, 51 sec

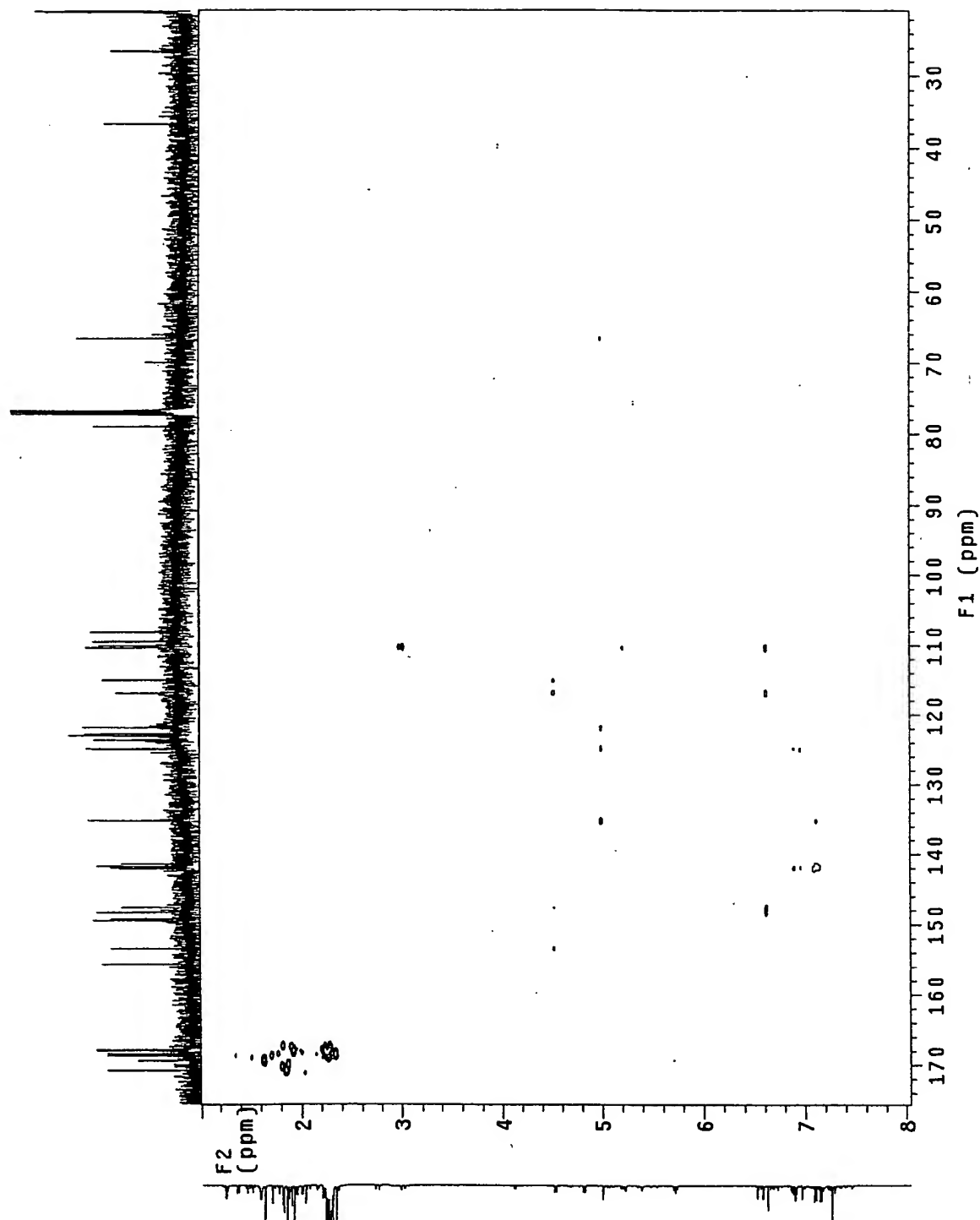


FIGURE 24

P88-17-3

Pulse Sequence: CIGAR

Solvent: CDC13

Temp. 25.0 C / 298.1 K

File: P88_17_3_cigar

WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR

Relax. delay 1.000 sec

Acq. time 0.205 sec

Width 4997.5 Hz

2D Width 25133.5 Hz

64 repetitions

256 increments

OBSERVE H1, 499.7381559 MHz

DATA PROCESSING

Gauss apodization 0.102 sec

Sine bell 0.102 sec

F1 DATA PROCESSING

Gauss apodization 0.016 sec

Sine bell 0.007 sec

FT size 2048 x 4096

Total time 6 hr, 9 min, 51 sec

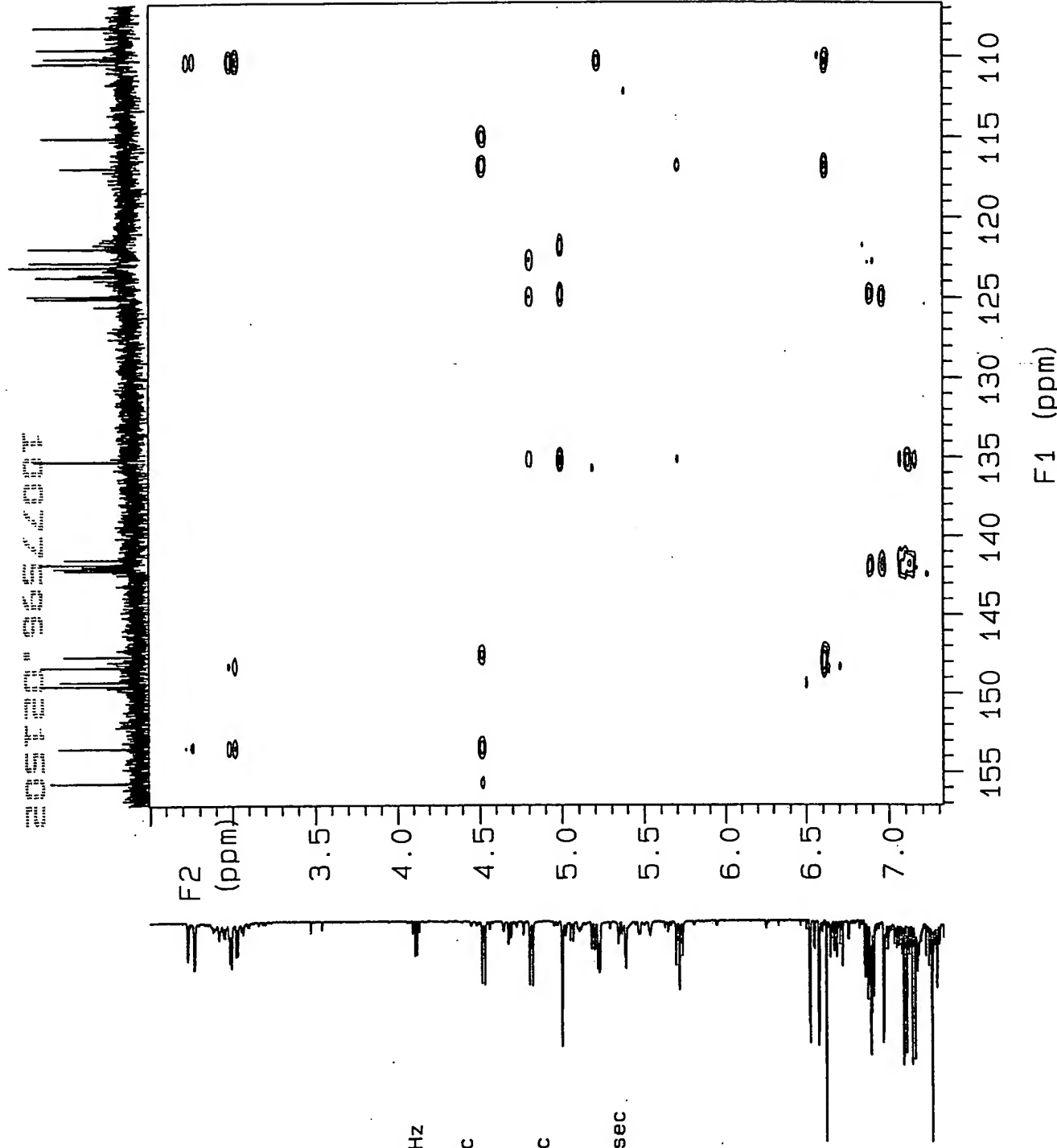
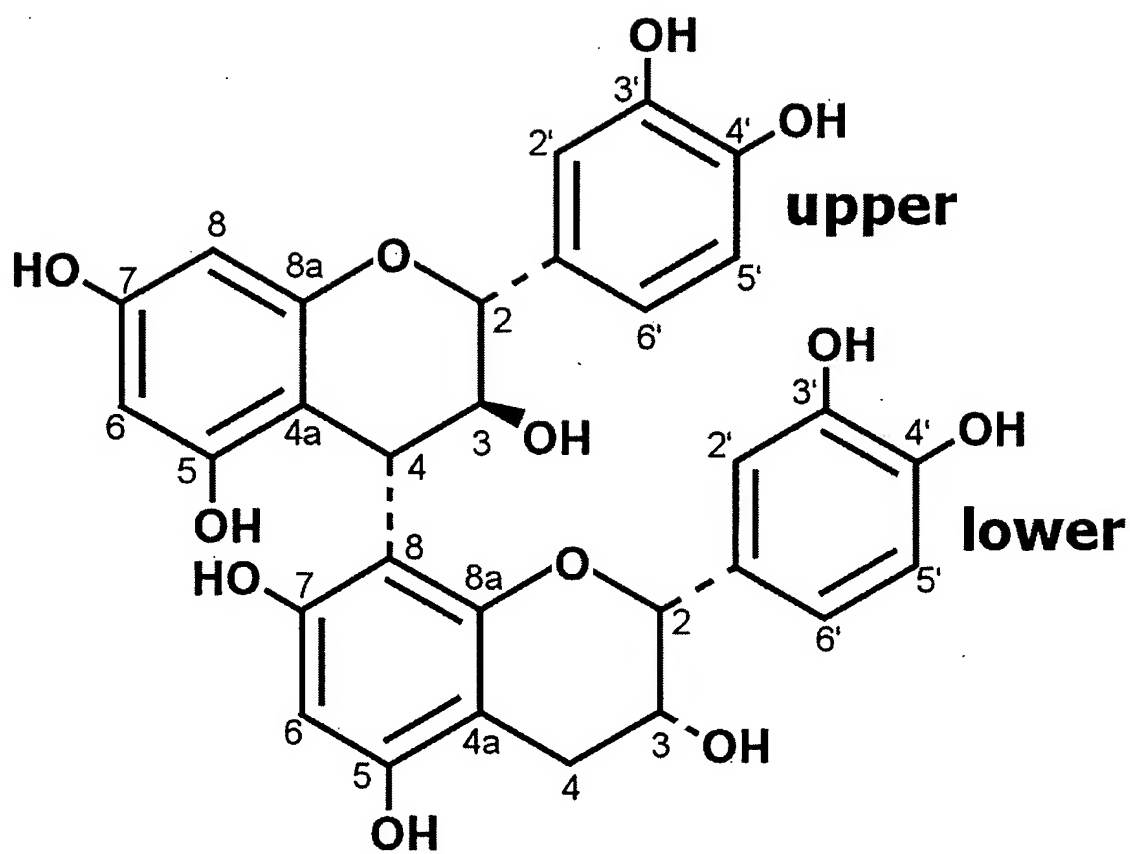


FIGURE 25



- FIGURE 26 -

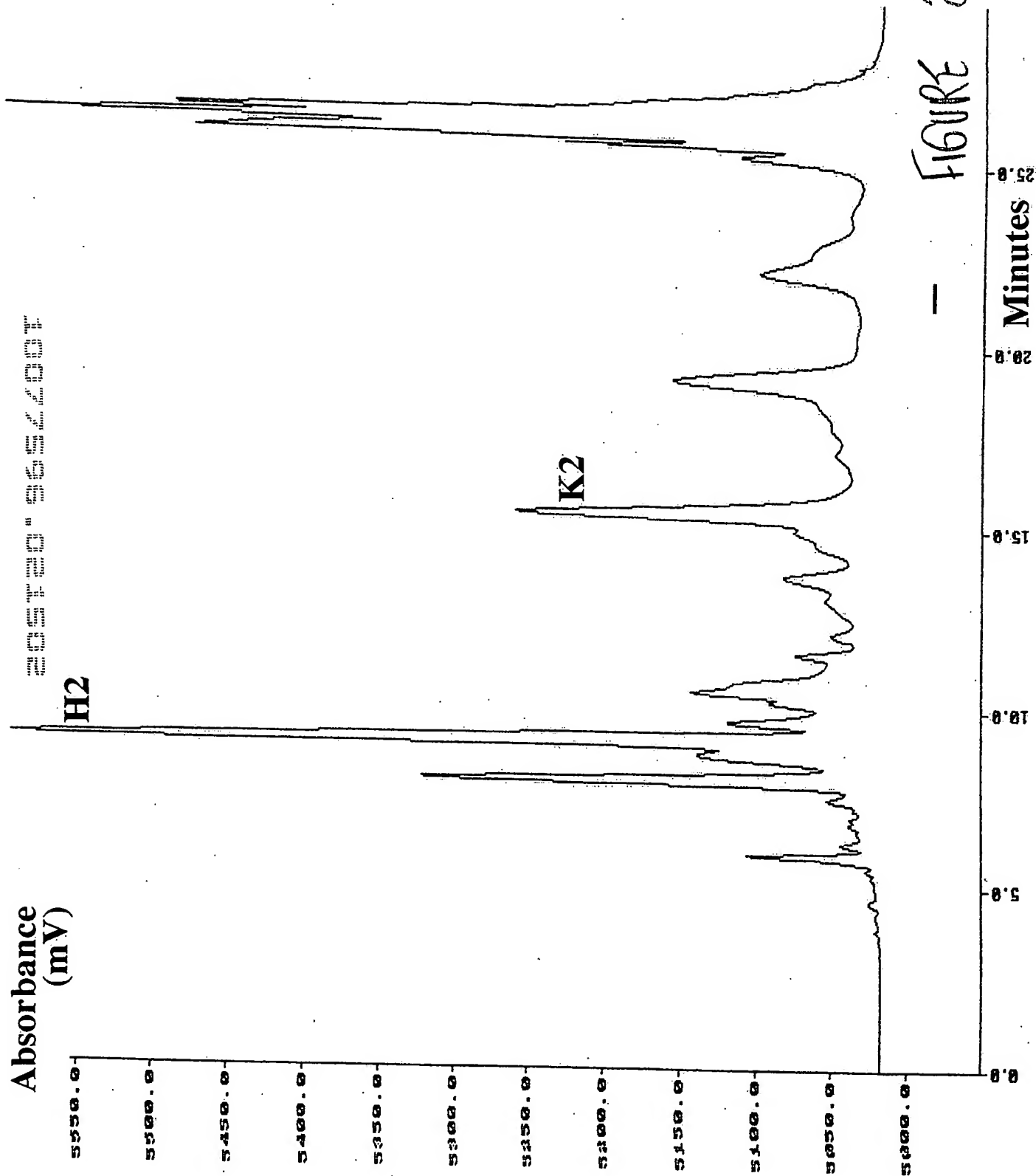


FIGURE 27

Absorbance
(mV)

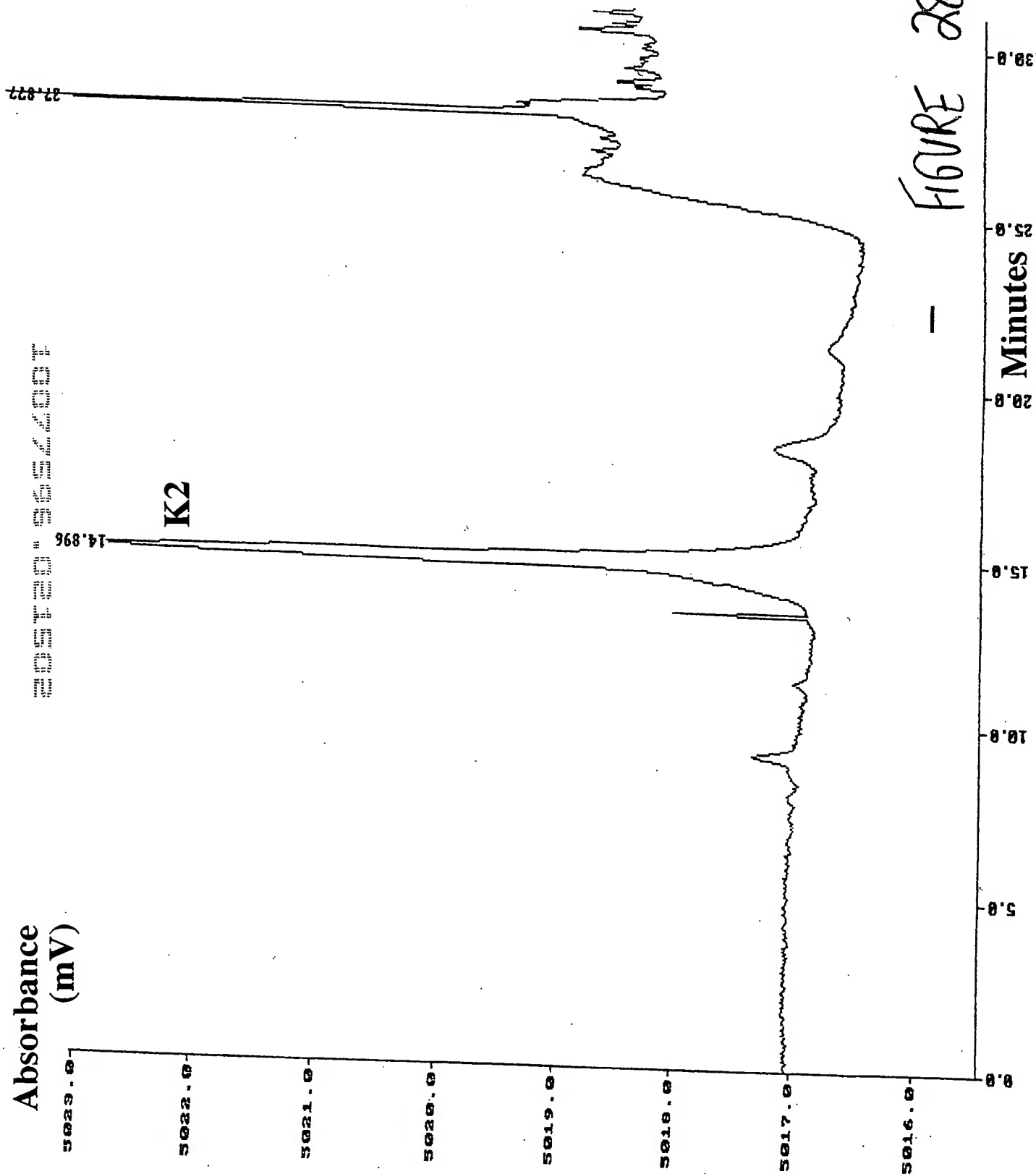


FIGURE 28

88-11-1 100ng INJECTED

=CR10083 27 (0.452)

TOF MS ES-
1.21e3

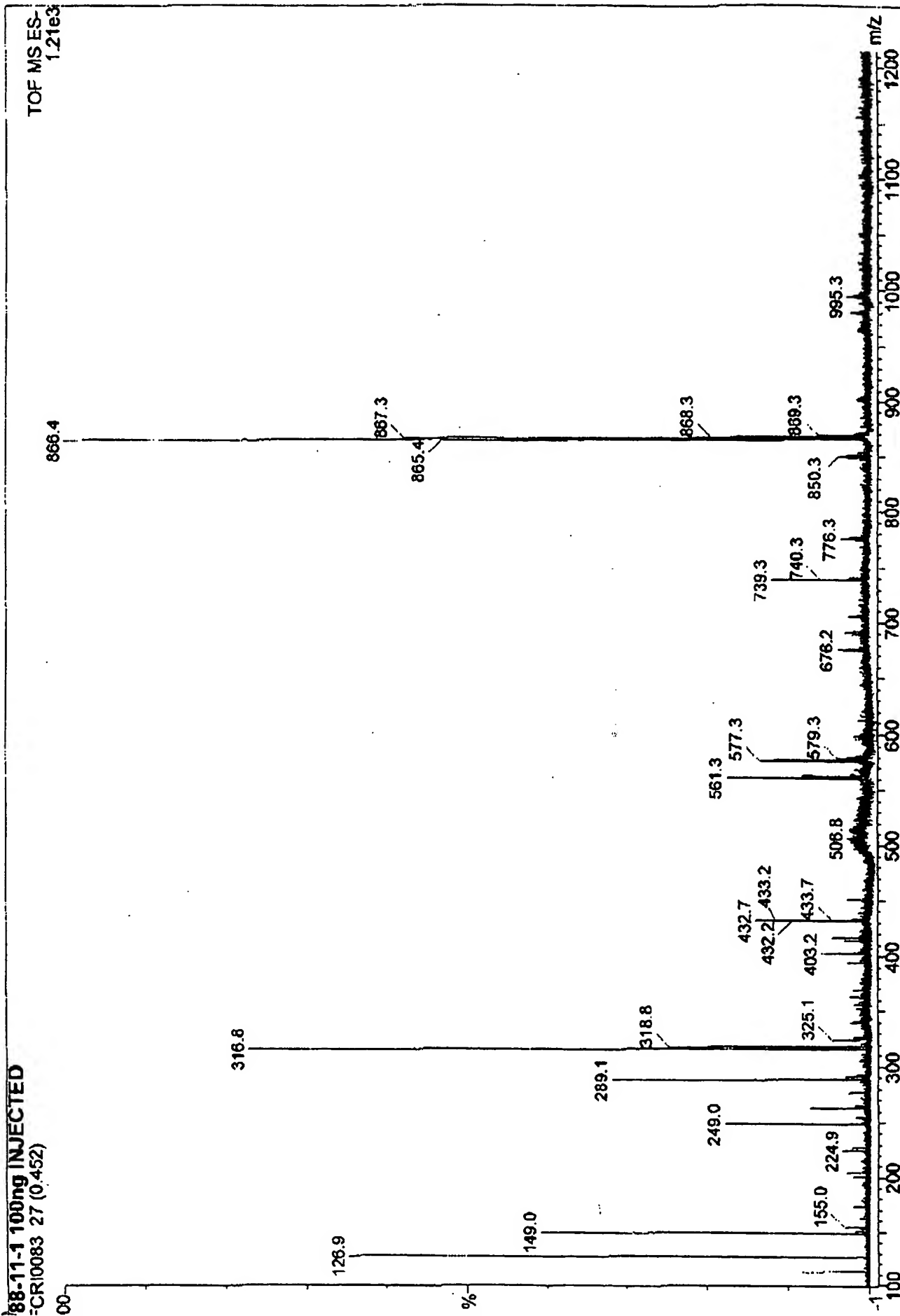


FIGURE 29

P88-16-3
After overnight
Pulse Sequence: s2pu1

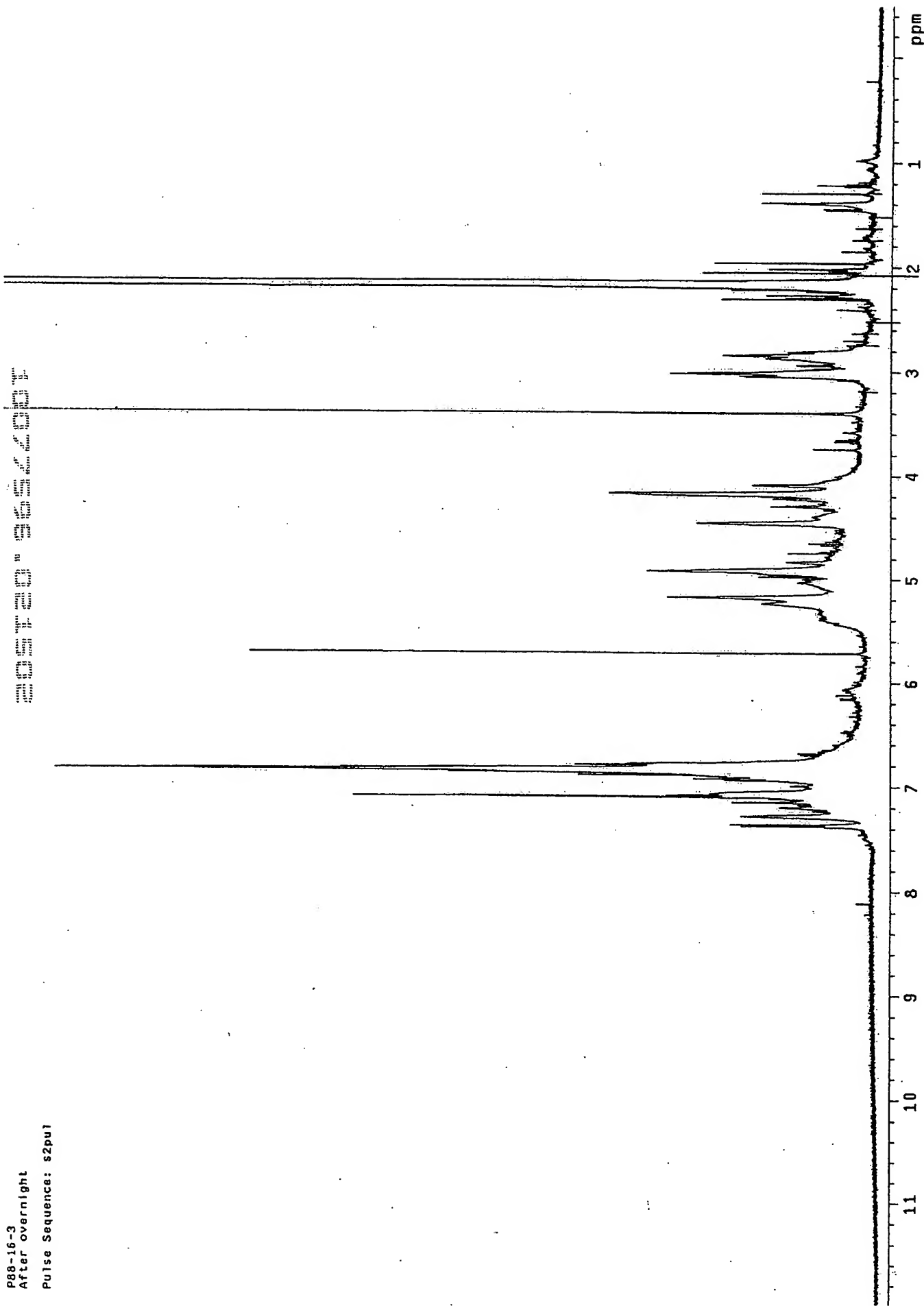


FIGURE 30

P88-22-11

Pulse Sequence: s2pul

Solvent: CDC19

Temp. 25.0 C / 298.1 K
INOVA-500 "europa"

INOVA-500 "europa"

Relax. delay 1.000 sec

Pulse 54.0 degrees

Acq. time 3.668 sec

Width 4467.0 Hz

32 repetitions

OBSERVE H1, 499.7381570 MHZ

DATA PROCESSING

FT size 65536

Total time 2 min, 29 sec

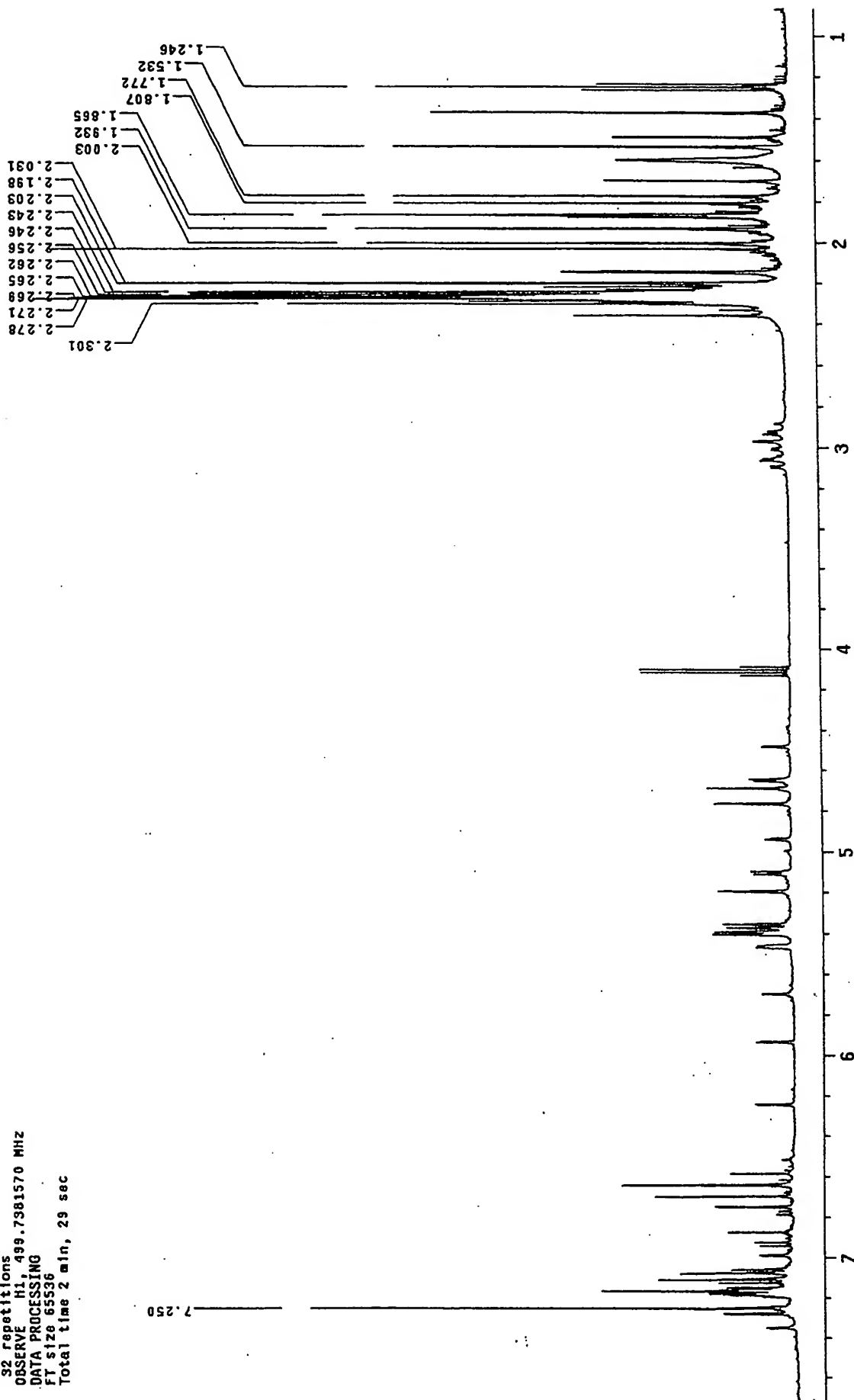


FIGURE 31

P88_22_11

Pulse Sequence: s2pul

Solvent: CDC13

Temp. 25.0 C / 298.1 K

User: 1-14-87

INOVA-500 "europa"

Relax. delay 1.500 sec

Pulse 54.0 degrees

Acq. time 1.423 sec

Width 23021.6 Hz

3424 repetitions

OBSERVE C13, 125.6592597 MHz

DECOUPLE H1, 499.7406365 MHz

Power 37 dB

On during acquisition

Off during delay

WALTZ-16 modulated

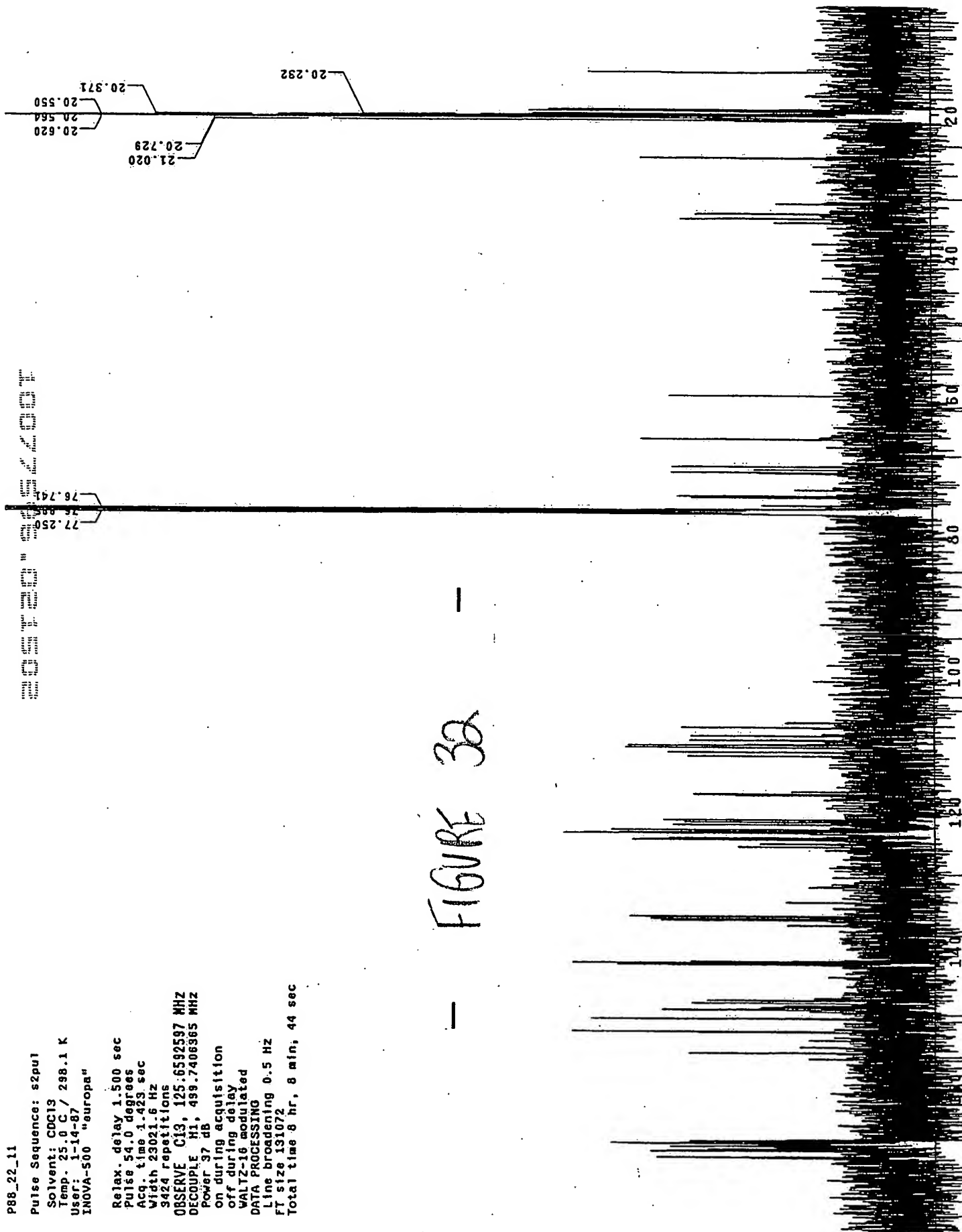
DATA PROCESSING

Line broadening 0.5 Hz

FT size 131072

Total time 8 hr, 8 min, 44 sec

— FIGURE 3a —



Pulse Sequence: CIGAR
 Solvent: CDCl₃
 Temp: 25.0 C / 298.1 K
 User: 1-14-87
 INOVA-500 "europa"

Relax. delay 1.000 sec
 Acq. time 0.229 sec
 Width 4667.0 Hz
 2D Width 23021.6 Hz
 32 repetitions
 256 increments
 OBSERVE H1, 499.7381570 MHz
 DATA PROCESSING
 Gauss apodization 0.115 sec
 Sine bell 0.115 sec
 F1 DATA PROCESSING
 Gauss apodization 0.011 sec
 Sine bell 0.007 sec
 FT size 2048 x 4096
 Total time 3 hr, 8 min, 41 sec

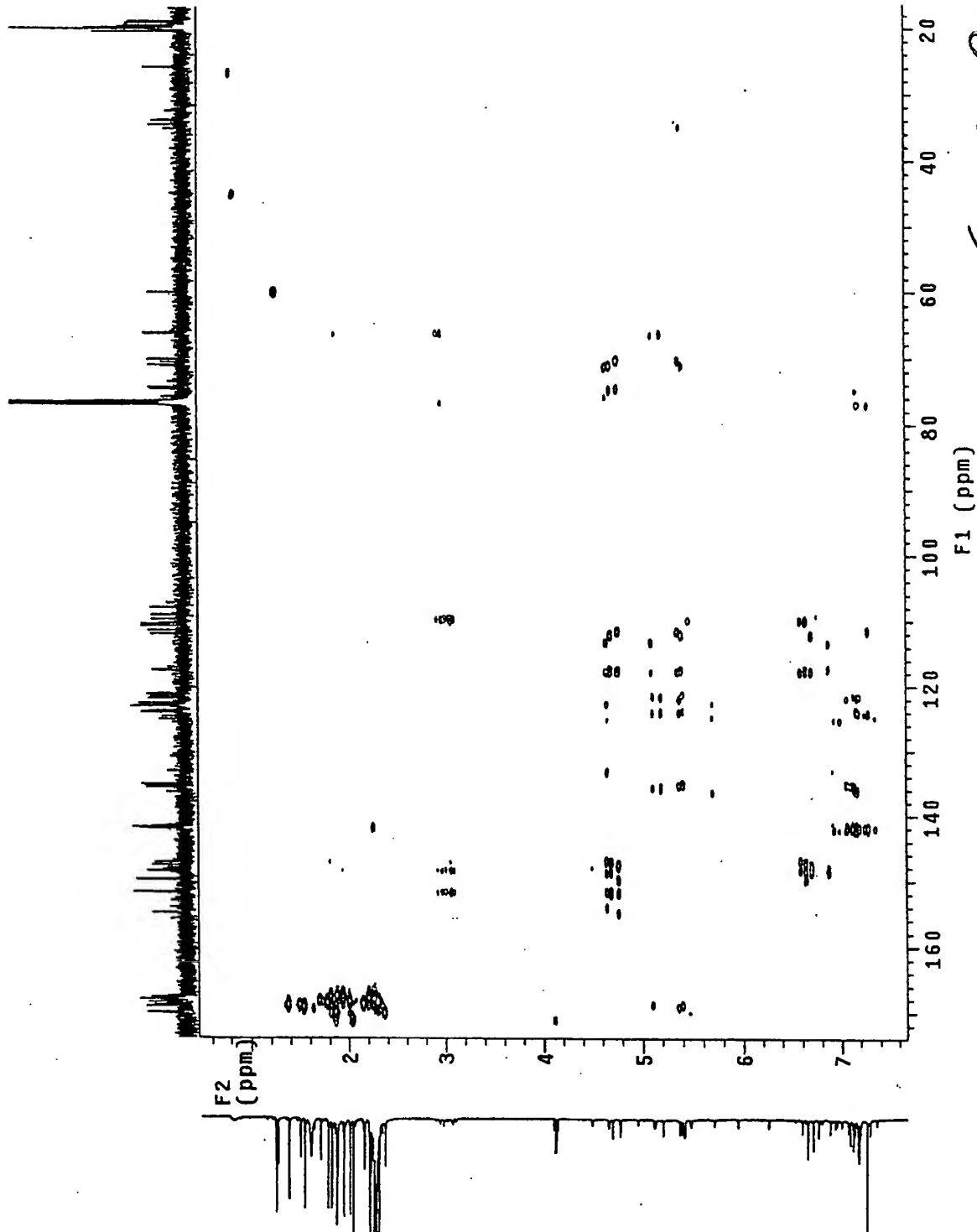


FIGURE 33

Pulse Sequence: CIGAR

Solvent: CDCl₃

Temp: 25.0 C / 298.1 K

User: 1-14-87

INNOVA-500 "europa"

Relax. delay 1.000 sec

Acq. time 0.229 sec

Width 4467.0 Hz

2D Width 23021.6 Hz

32 repetitions

255 increments

OBSERVE H1, 499.7381570 MHz

DATA PROCESSING

Gauss apodization 0.115 sec

Sine bell 0.115 sec

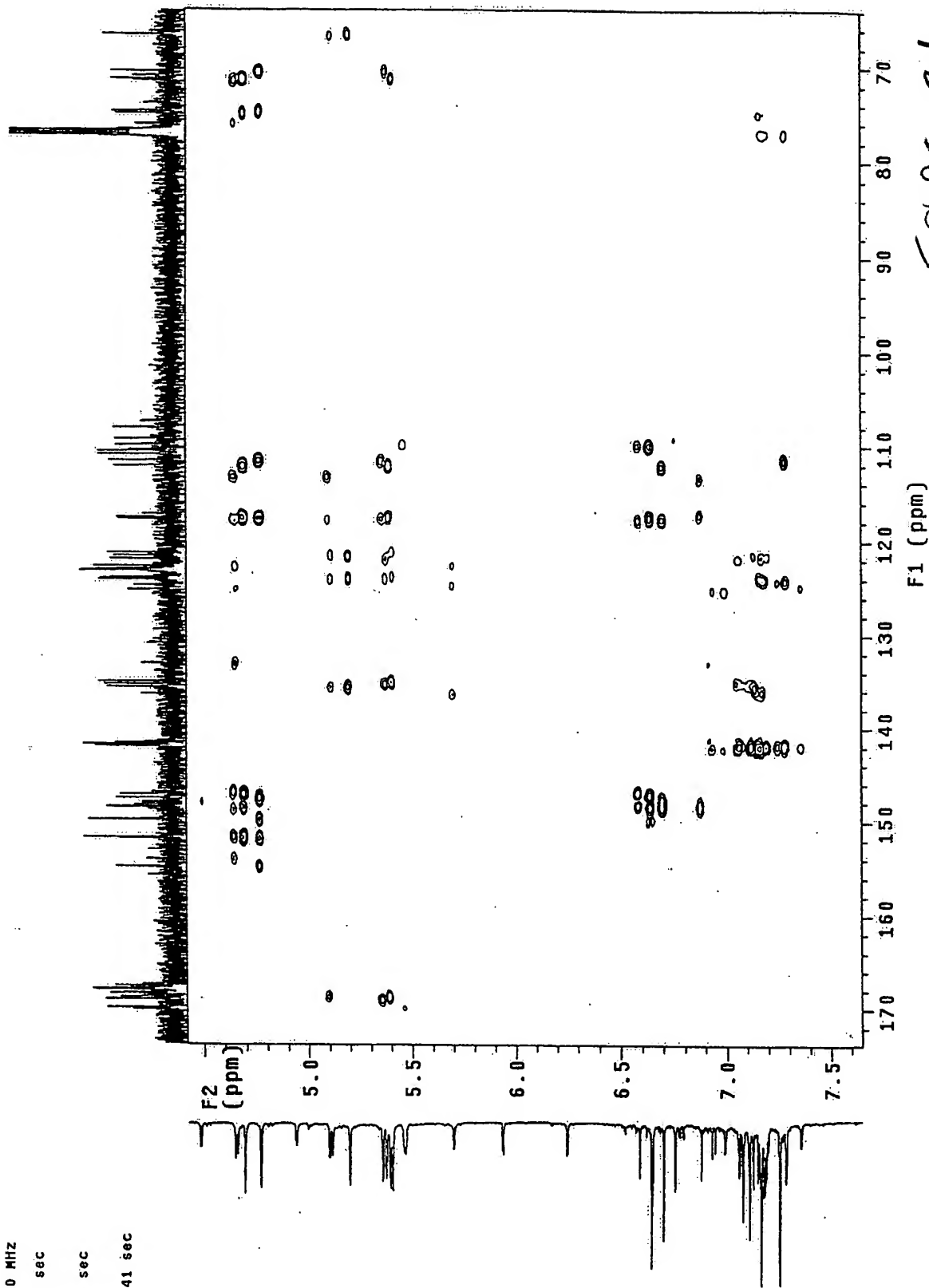
F1 DATA PROCESSING

Gauss apodization 0.011 sec

Sine bell 0.007 sec

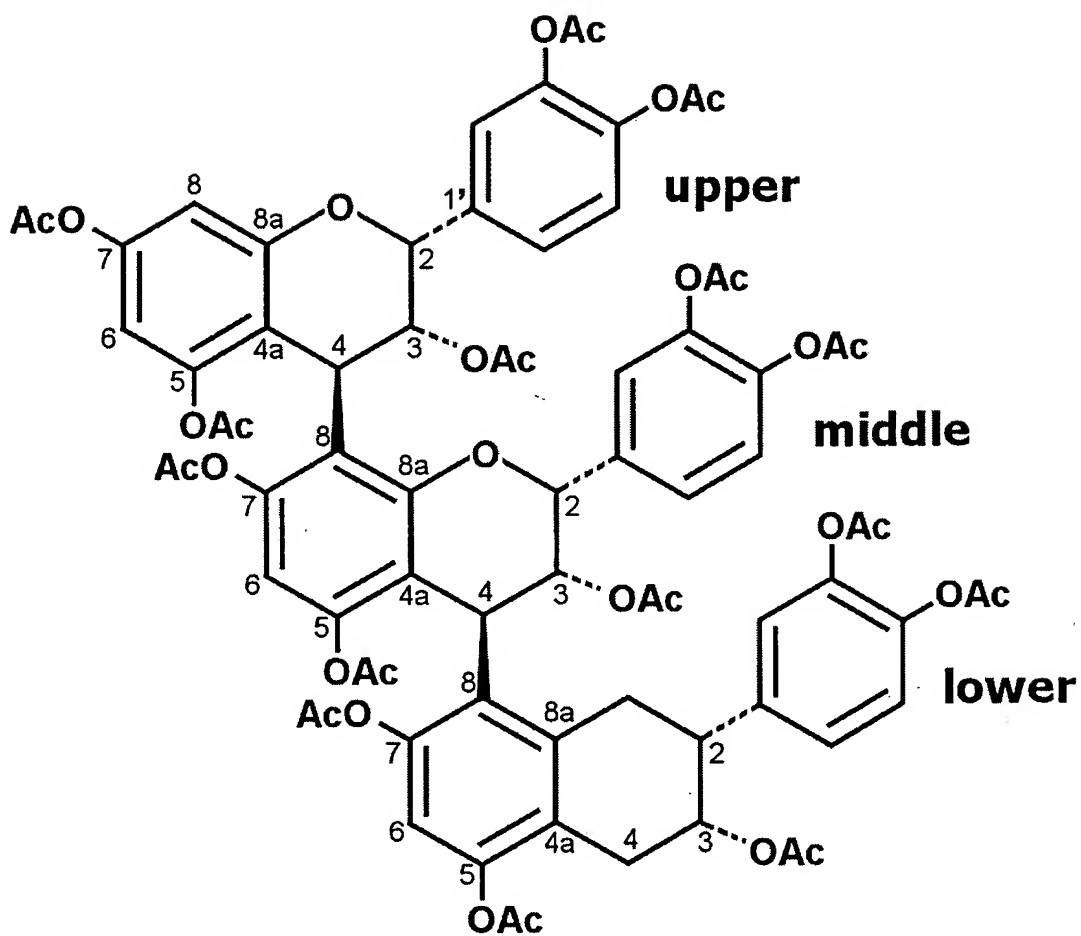
FT size 2048 X 4096

Total time 3 hr, 8 min, 41 sec



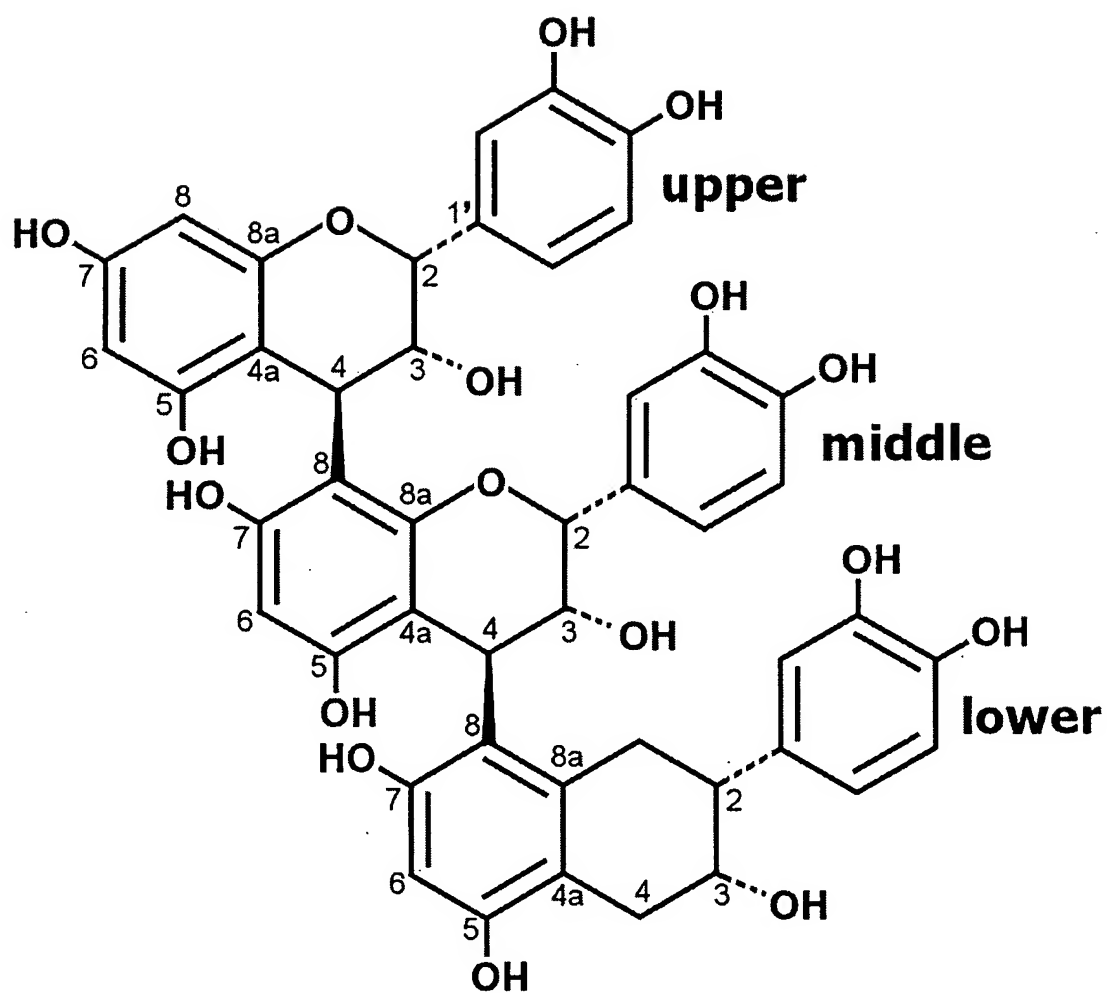
F1 (ppm)

FIGURE 34



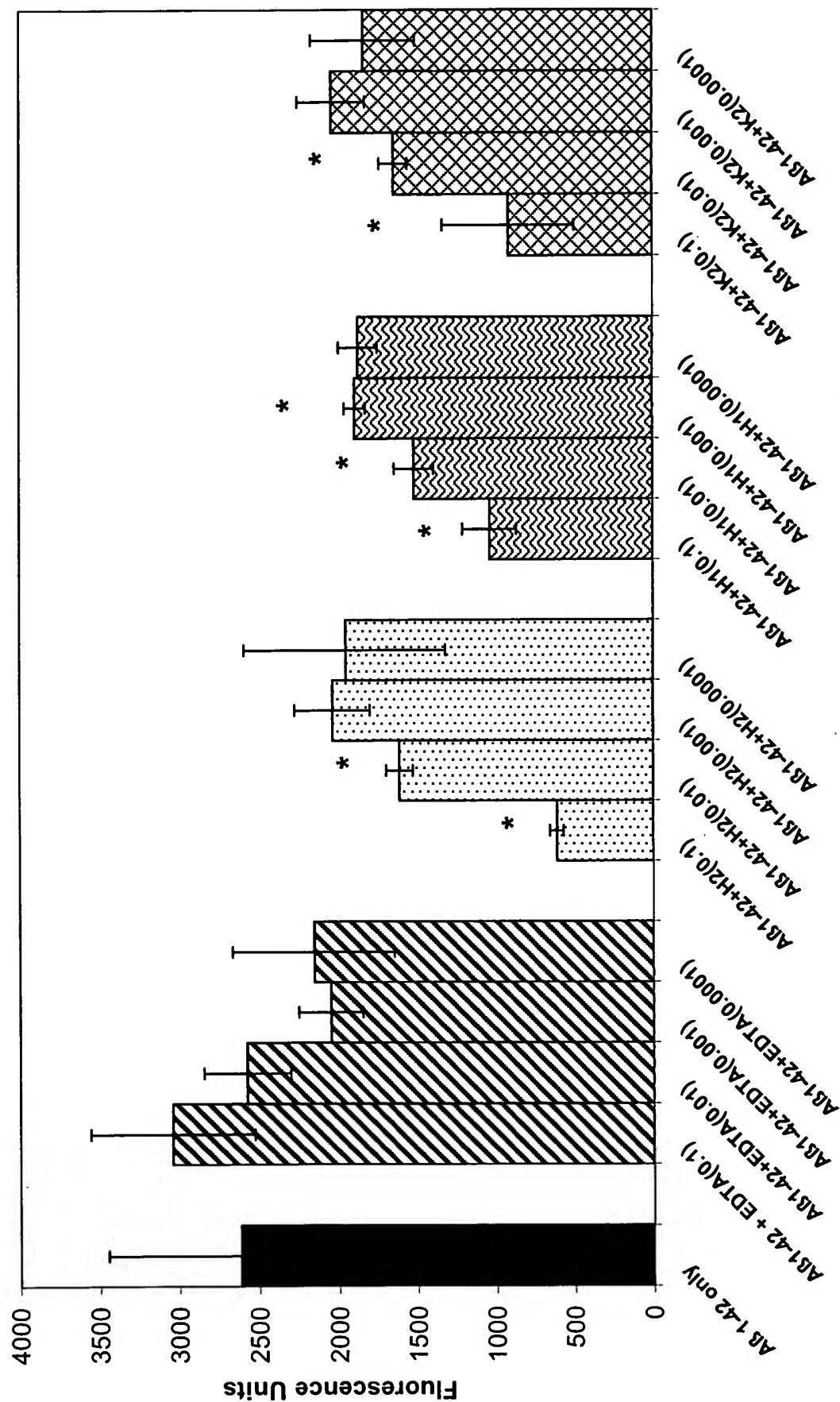
— FIGURE 35 —

10077536-0000

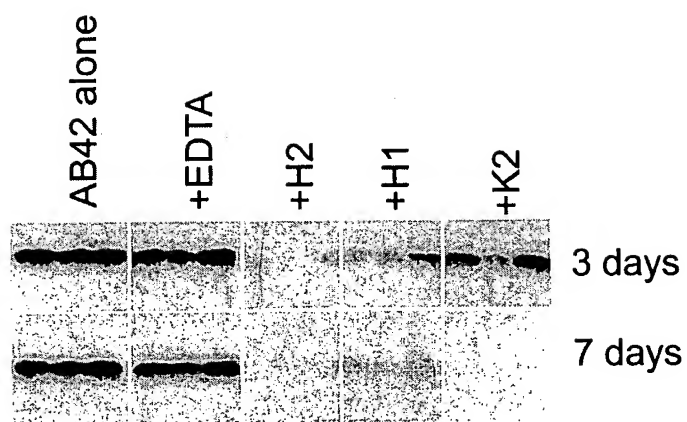


- FIGURE 36 -

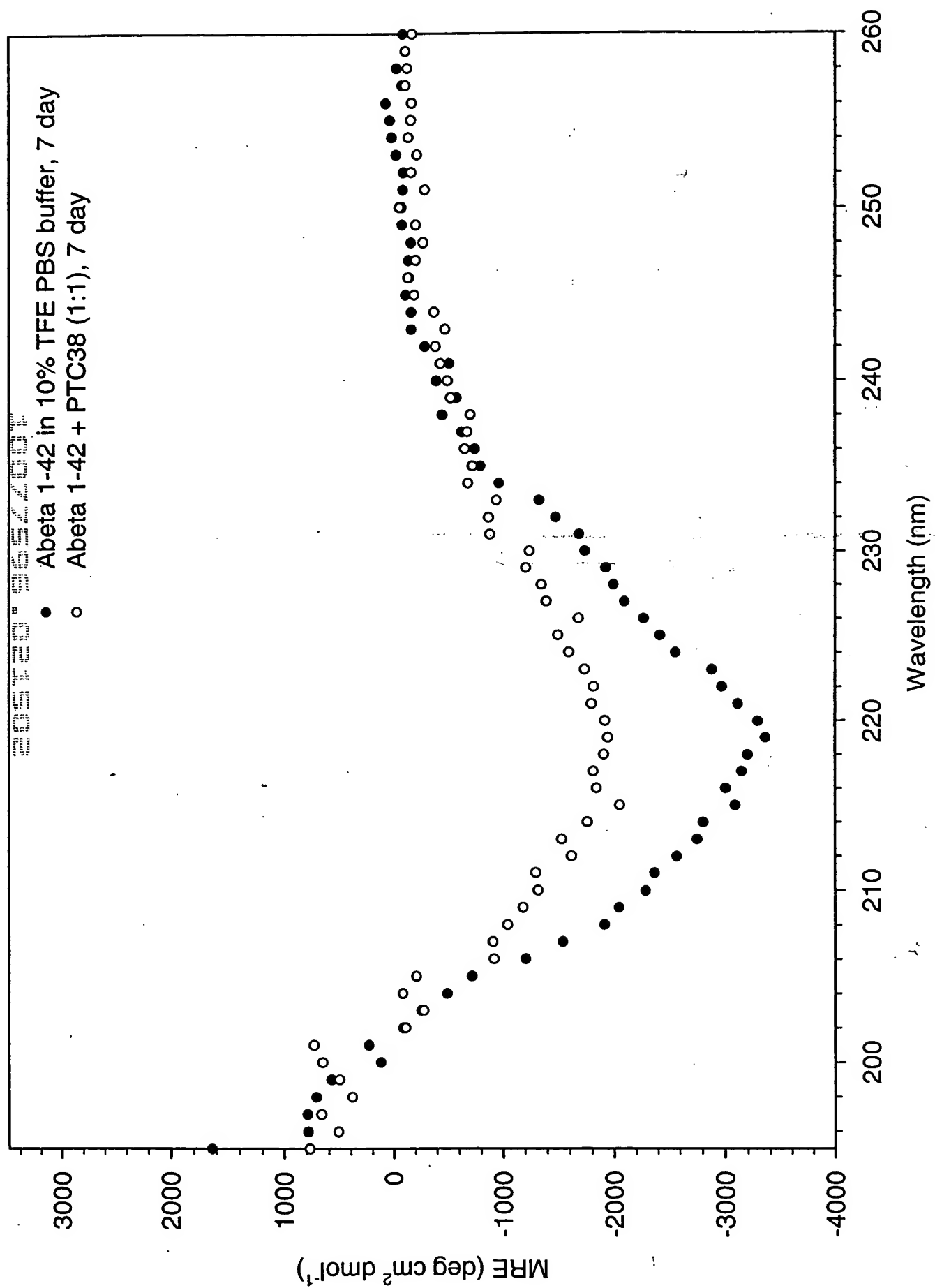
7 Days Thioflavin-T Assay



bioRxiv preprint doi: <https://doi.org/10.1101/200100>; this version posted April 1, 2017. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.



— FIGURE 38 —



— FIGURE 39 —

2025-03-20 10:30:00

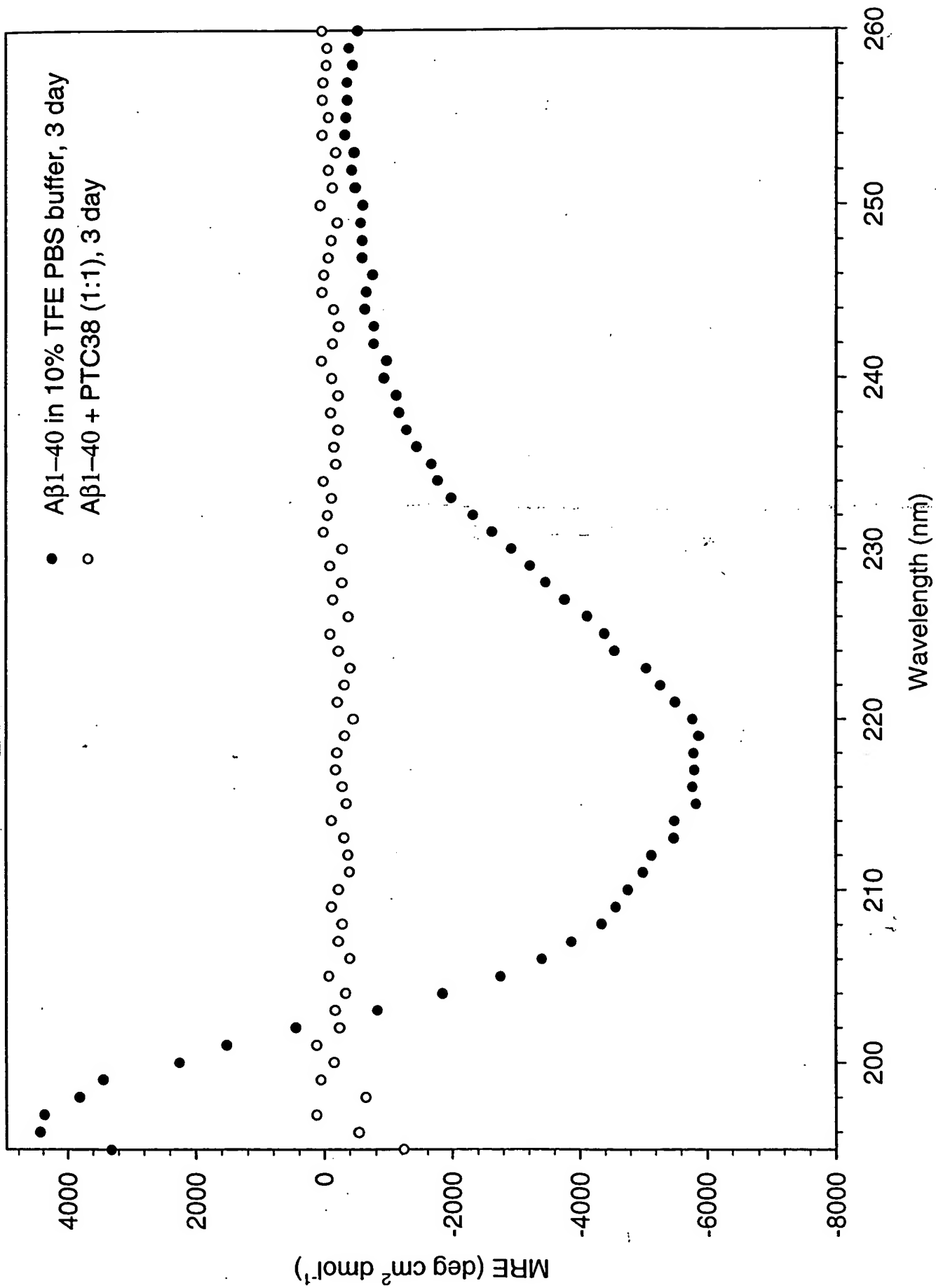
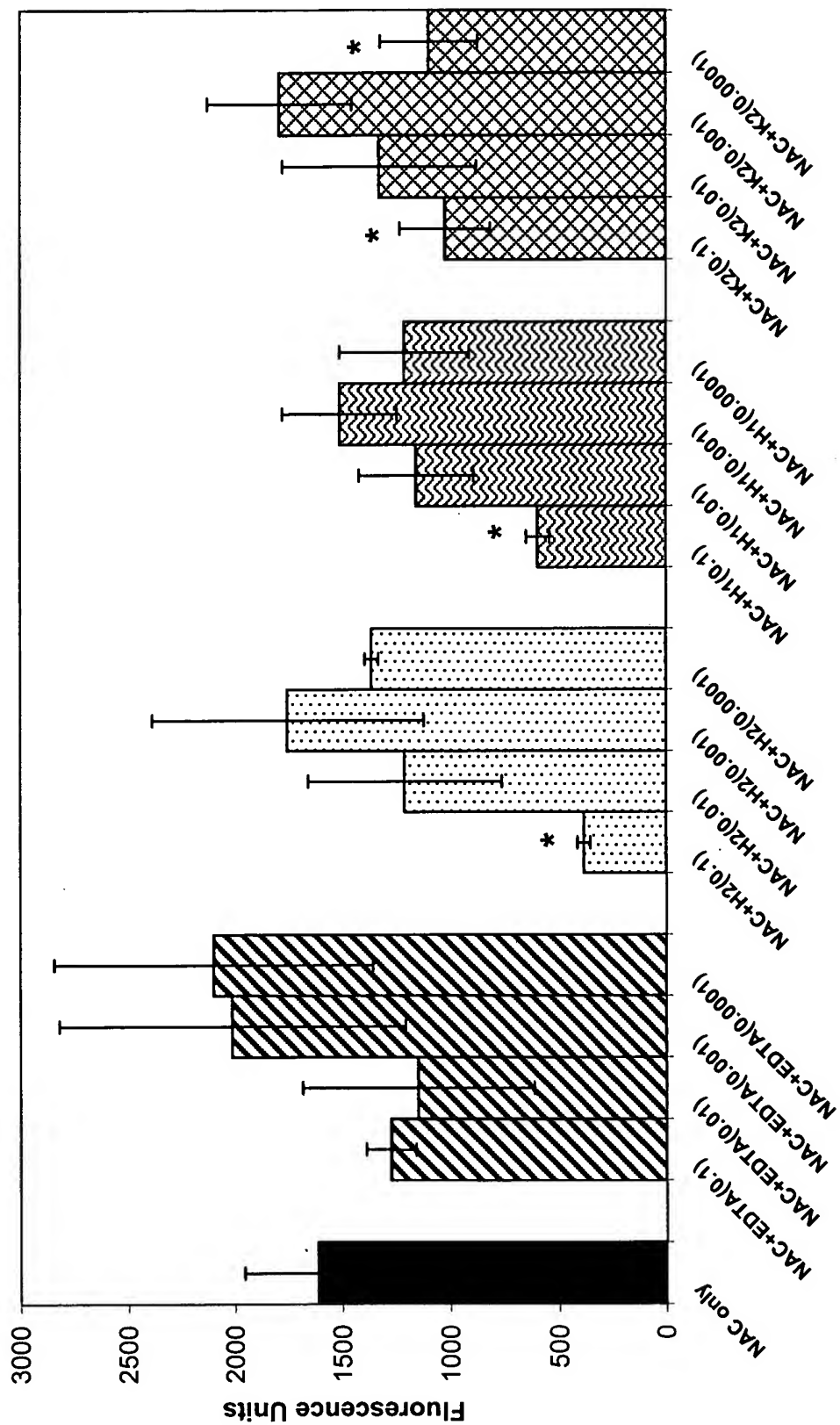


FIGURE 40

7 Days Thioflavin-T Assay



305T20" 954400T

7 Days Thioflavin-T Assay

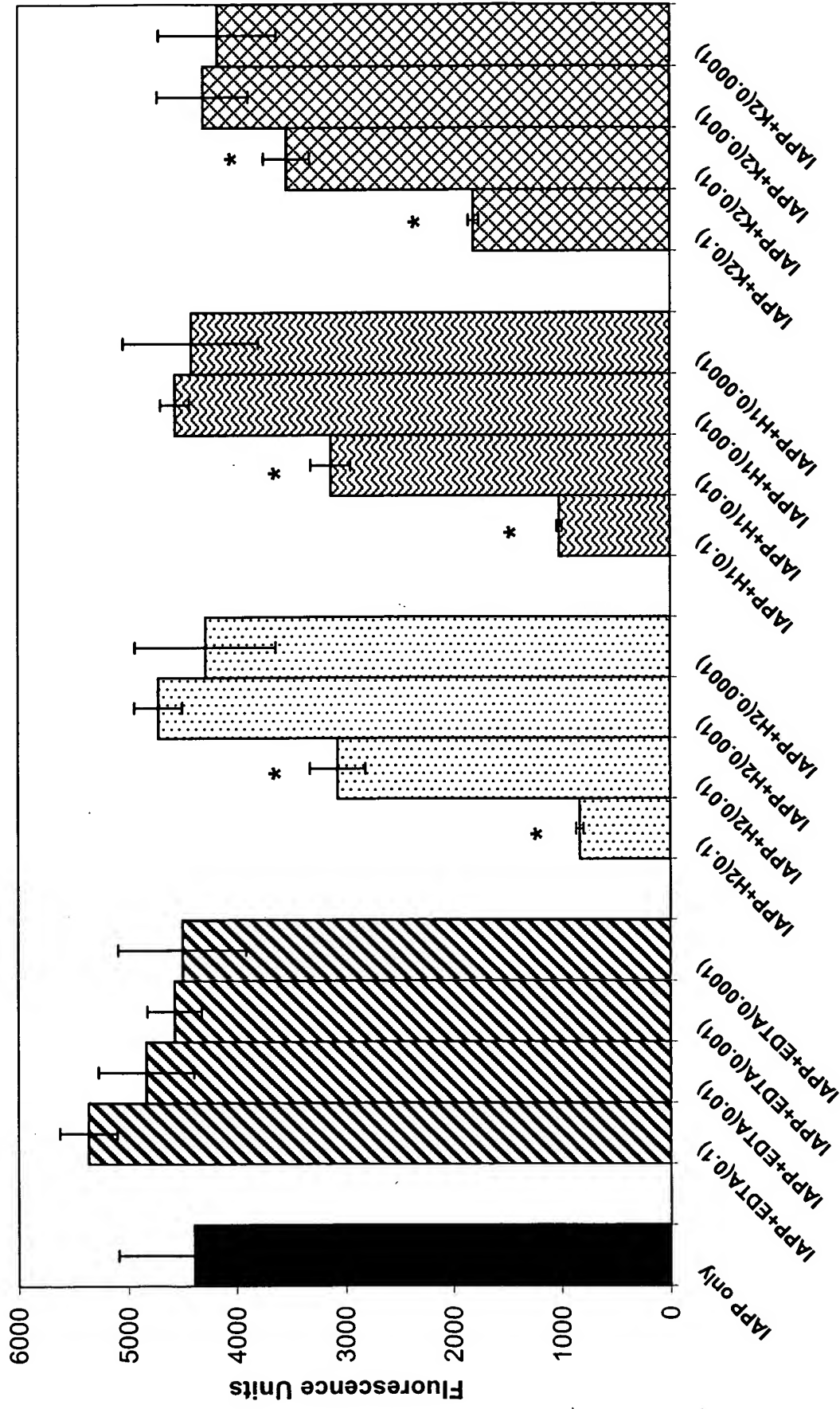


FIGURE 4Z



FIGURE 43

**FIGURE 44**

P88-27-40 100 ng INJECTED
CFCRI0087 28 (0.467)

TOF MS ES-
1.09e4

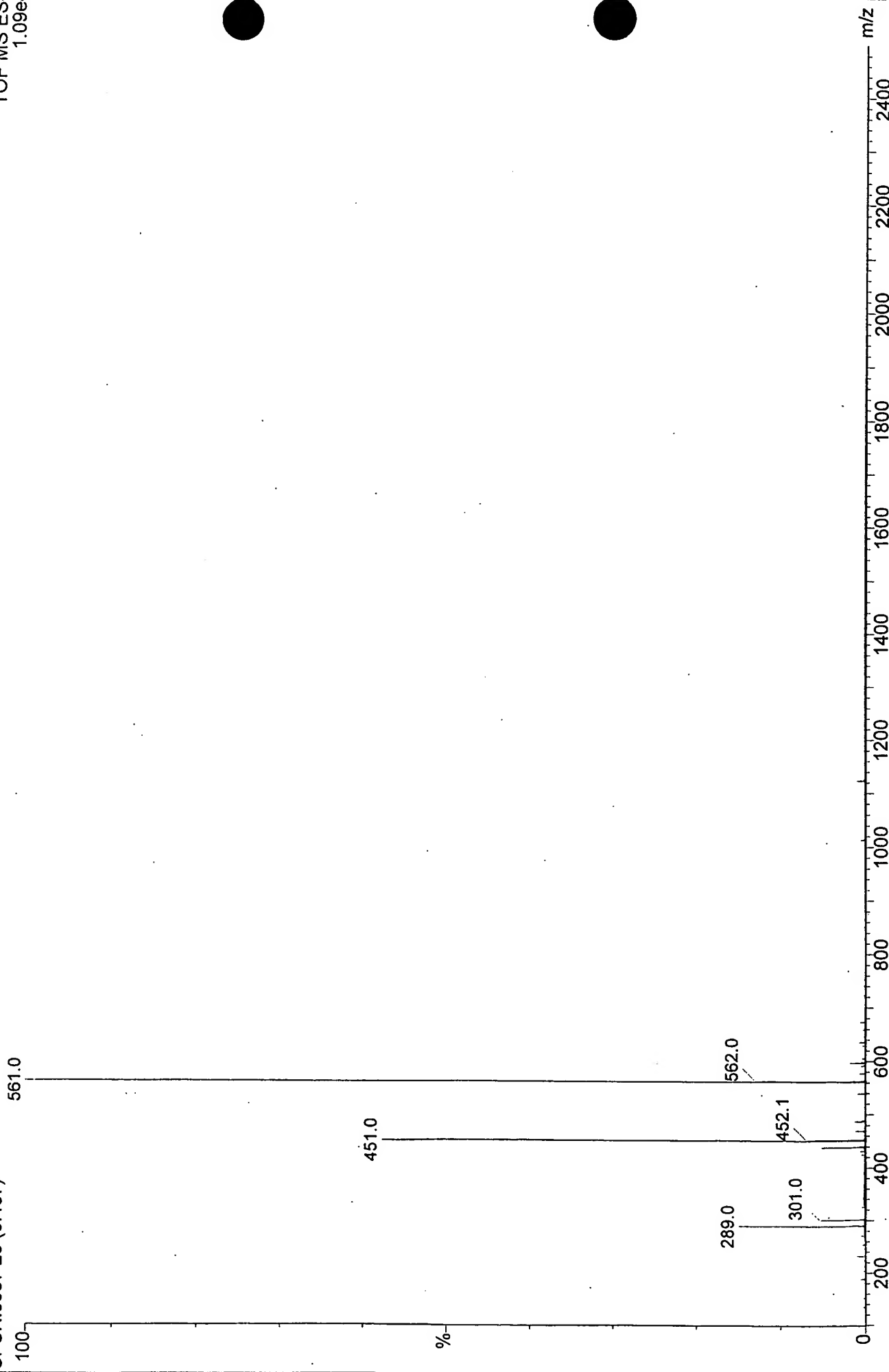
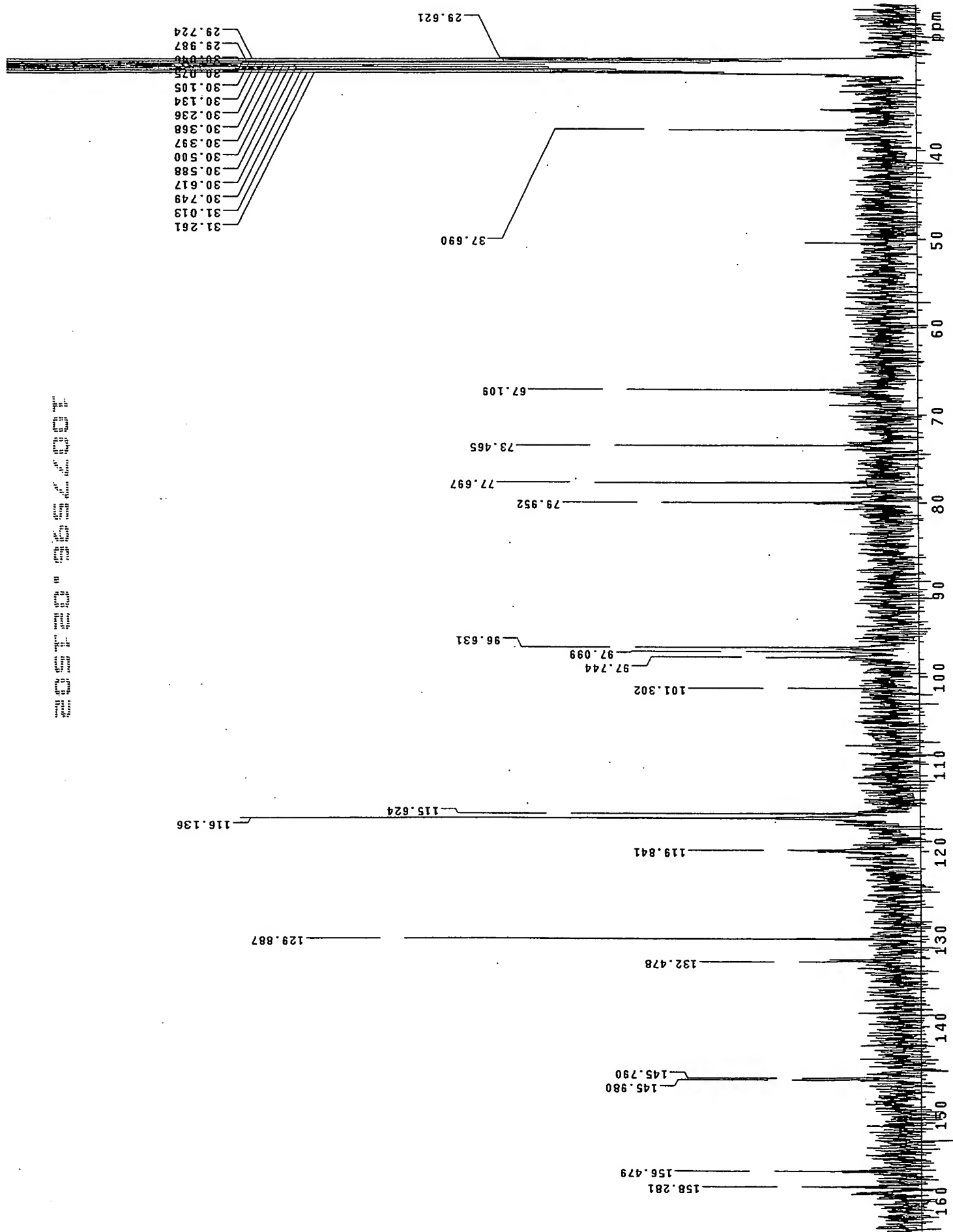
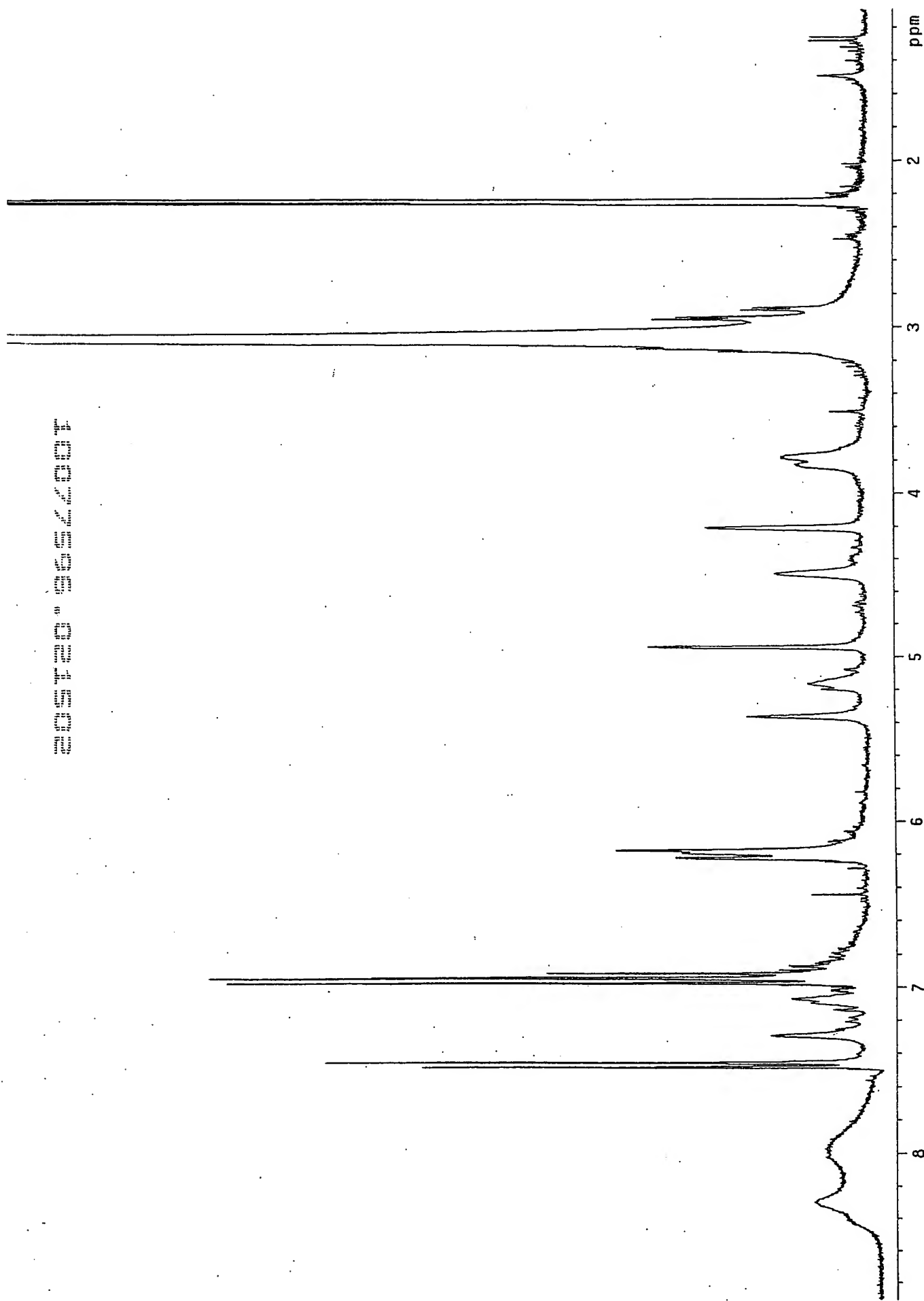


FIGURE 45

FIGURE 46





— FIGURE 47 —

P88-27-40a

Pulse Sequence: s2pul

Solvent: CDC13

Temp. 25.0 C / 298.1 K

INOVA-500 "europa"

Relax. delay 1.000 sec

Pulse 54.0 degrees

Acq. time 9.185 sec

Width 5144.4 Hz

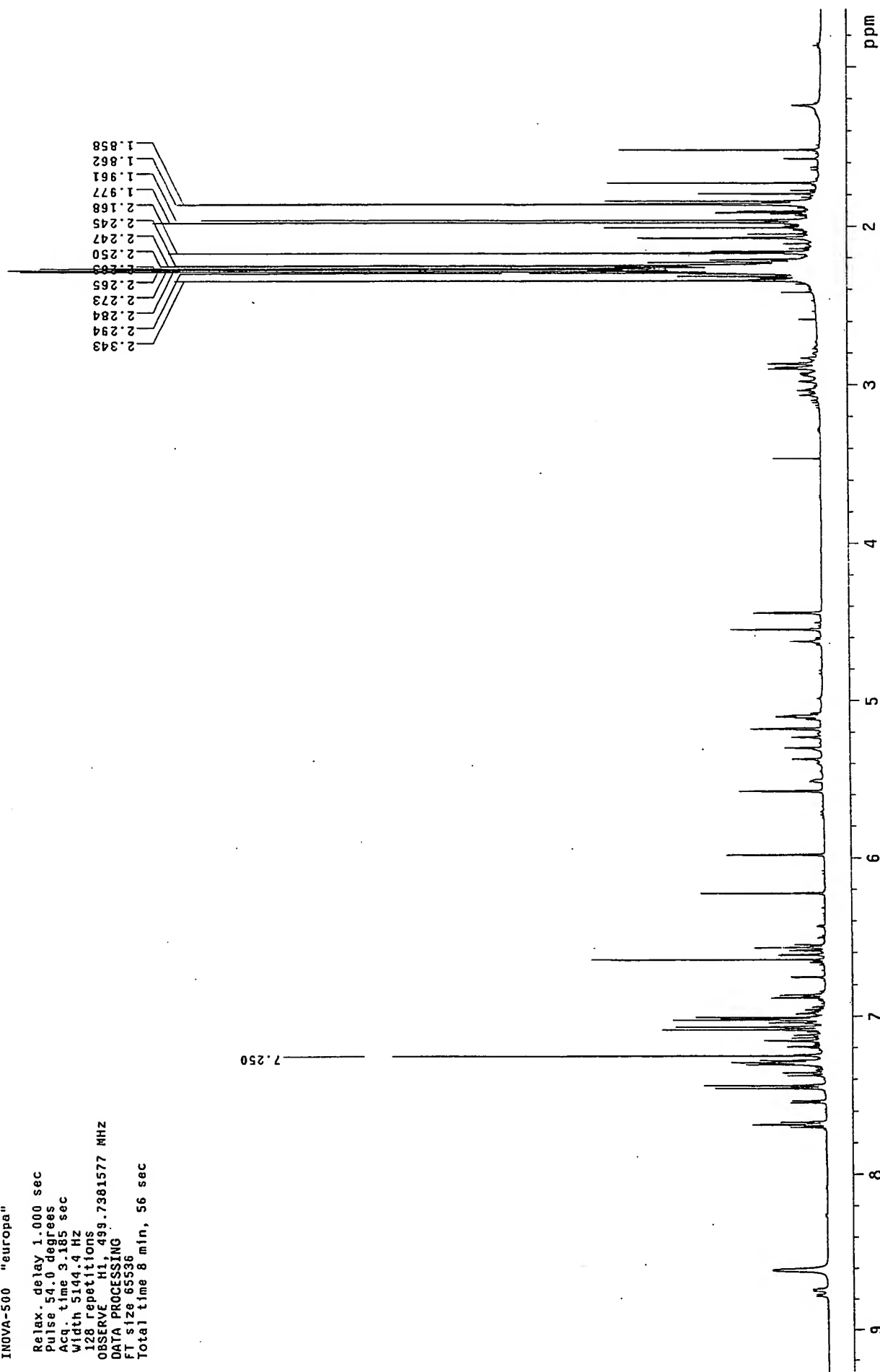
128 repetitions

OBSERVE H1, 499.7981577 MHz

DATA PROCESSING

FT size 65536

Total time 8 min, 56 sec



— FIGURE 48

P88-27-40a

Pulse Sequence: s2pul

Solvent: CDCl₃

Temp. 25.0 C / 298.1 K

User: 1-14-87

INOVA-500 "europa"

Relax. delay 3.000 sec

Pulse 54.0 degrees

Acq. time 1.393 sec

Width 23529.4 Hz

16592 repetitions

OBSERVE C13, 125.6592609 MHz

DECOUPLE H1, 499.7406365 MHz

Power 31 dB

on during acquisition

off during delay

WALTZ-16 modulated

DATA PROCESSING

Line broadening 0.5 Hz

FT size 131072

Total time 24 hr, 27 min, 15 sec

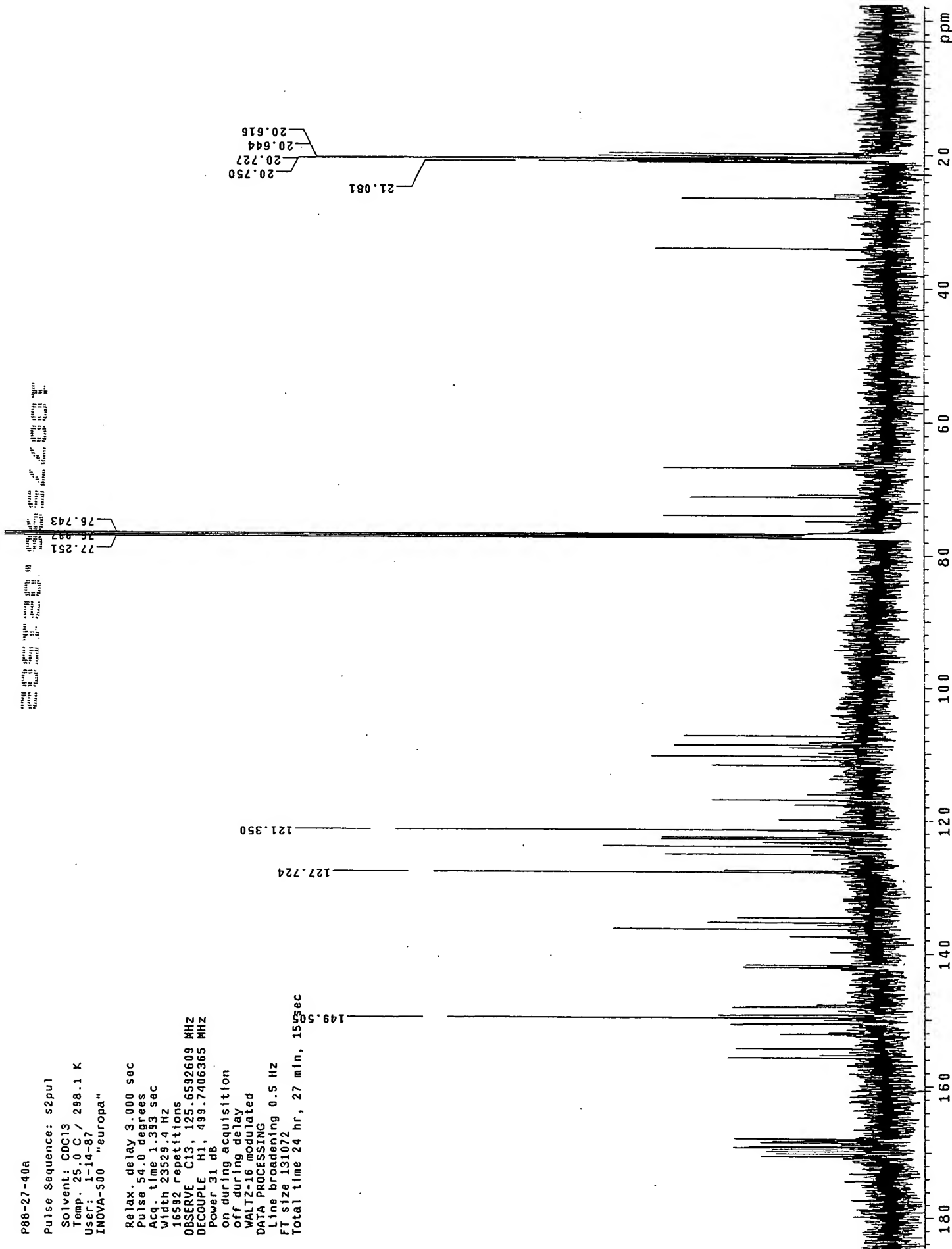


FIGURE 49

P88-27-40a

Pulse Sequence: CIGAR

Solvent: CDCl₃
Temp: 25.0 C / 298.1 K
User: 1-14-87
INOVA-500 "europa"

Relax. delay 1.000 sec
Acq. time 0.199 sec
Width 5144.4 Hz
2D Width 23529.4 Hz
192 repetitions
256 increments

OBSERVE H1, 499.7381577 MHz
DATA PROCESSING
Gauss apodization 0.100 sec
Sine bell 0.100 sec
F1 DATA PROCESSING
Gauss apodization 0.011 sec
Sine bell 0.011 sec
FT size 2048 x 4096
Total time 18 hr, 23 min, 37 sec

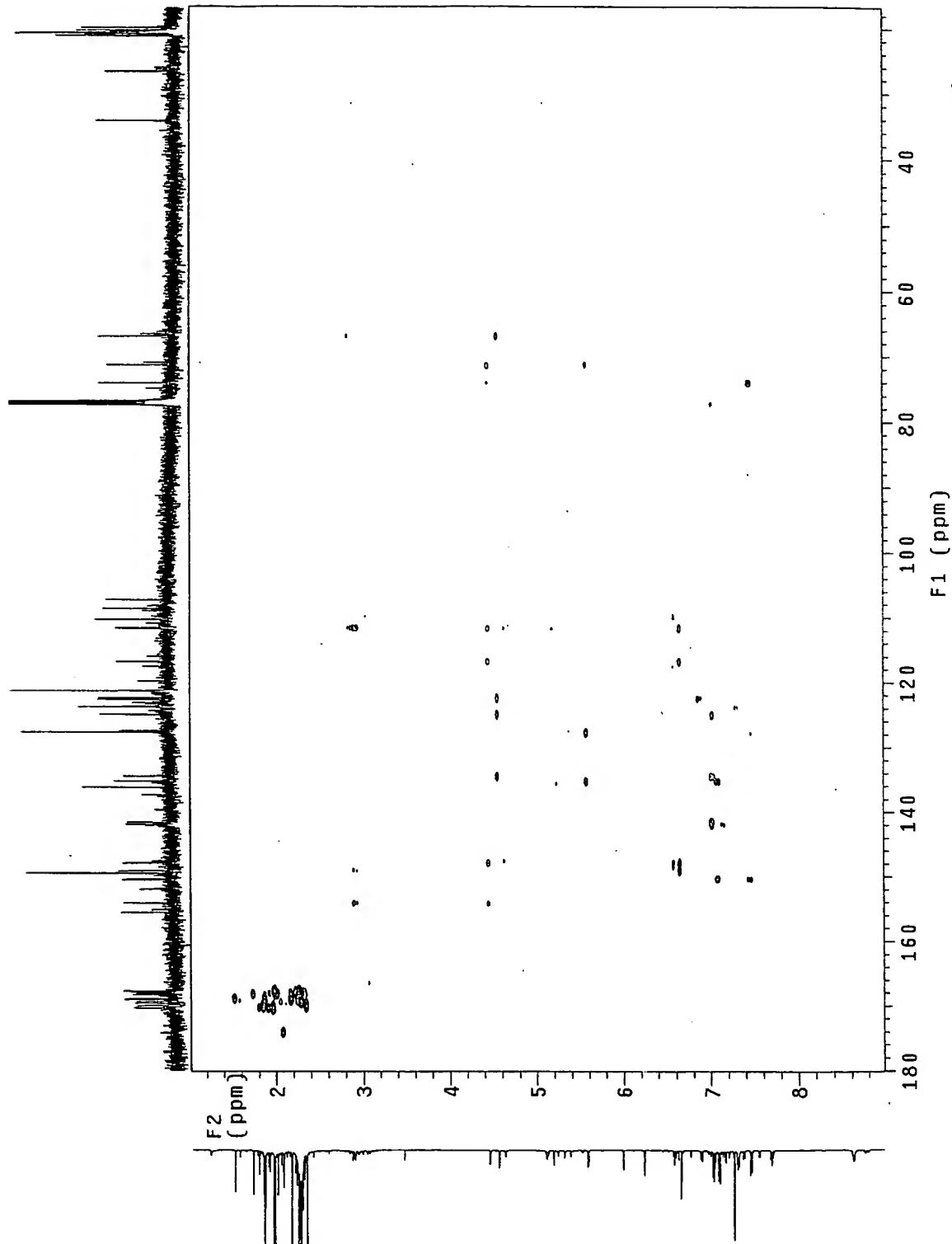


FIGURE 50

P88-27-40a

Pulse Sequence: CIGAR

Solvent: CDC13

Temp: 25.0 C / 298.1 K

File: P88_27_40a_cigar

WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR

Relax. delay 1.000 sec

Acq. time 0.199 sec

Width 5144.4 Hz

2D Width 23529.4 Hz

192 repetitions

256 increments

OBSERVE H1, 499.7381577 MHz

DATA PROCESSING

Gauss apodization 0.100 sec

Sine bell 0.100 sec

F1 DATA PROCESSING

Gauss apodization 0.011 sec

Sine bell 0.007 sec

FT size 2048 x 4096

Total time 18 hr, 23 min, 37 sec

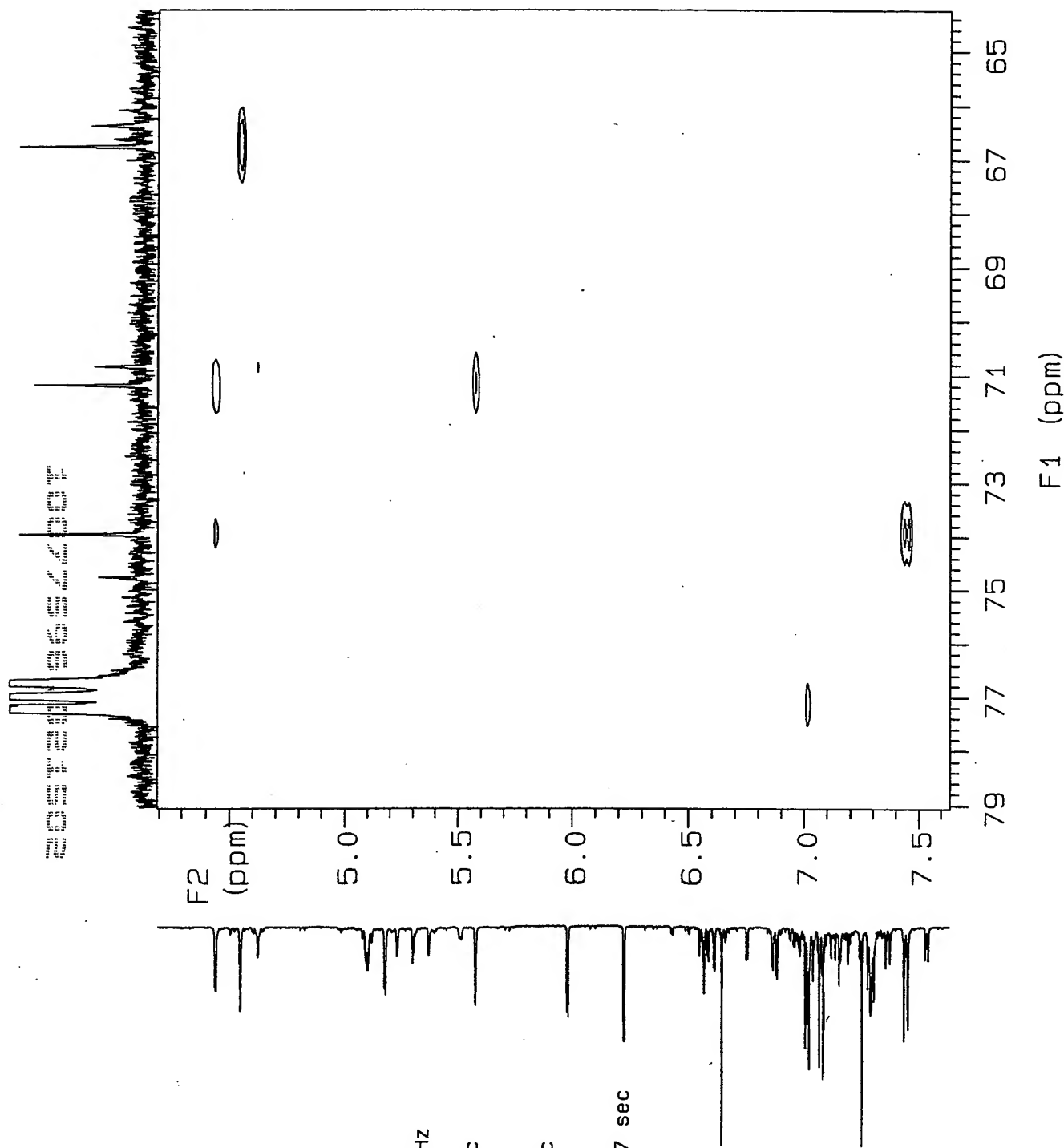


FIGURE 51

P88-27-40a

Pulse Sequence: CIGAR

Solvent: CDCl₃

Temp. 25.0 C / 298.1 K

File: P88_27_40a_cigar
WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR

Relax. delay 1.000 sec

Acq. time 0.199 sec

Width 5144.4 Hz

2D Width 23529.4 Hz

192 repetitions

256 increments

OBSERVE H1, 499.7381577 MHz

DATA PROCESSING

Gauss apodization 0.100 sec

Sine bell 0.100 sec

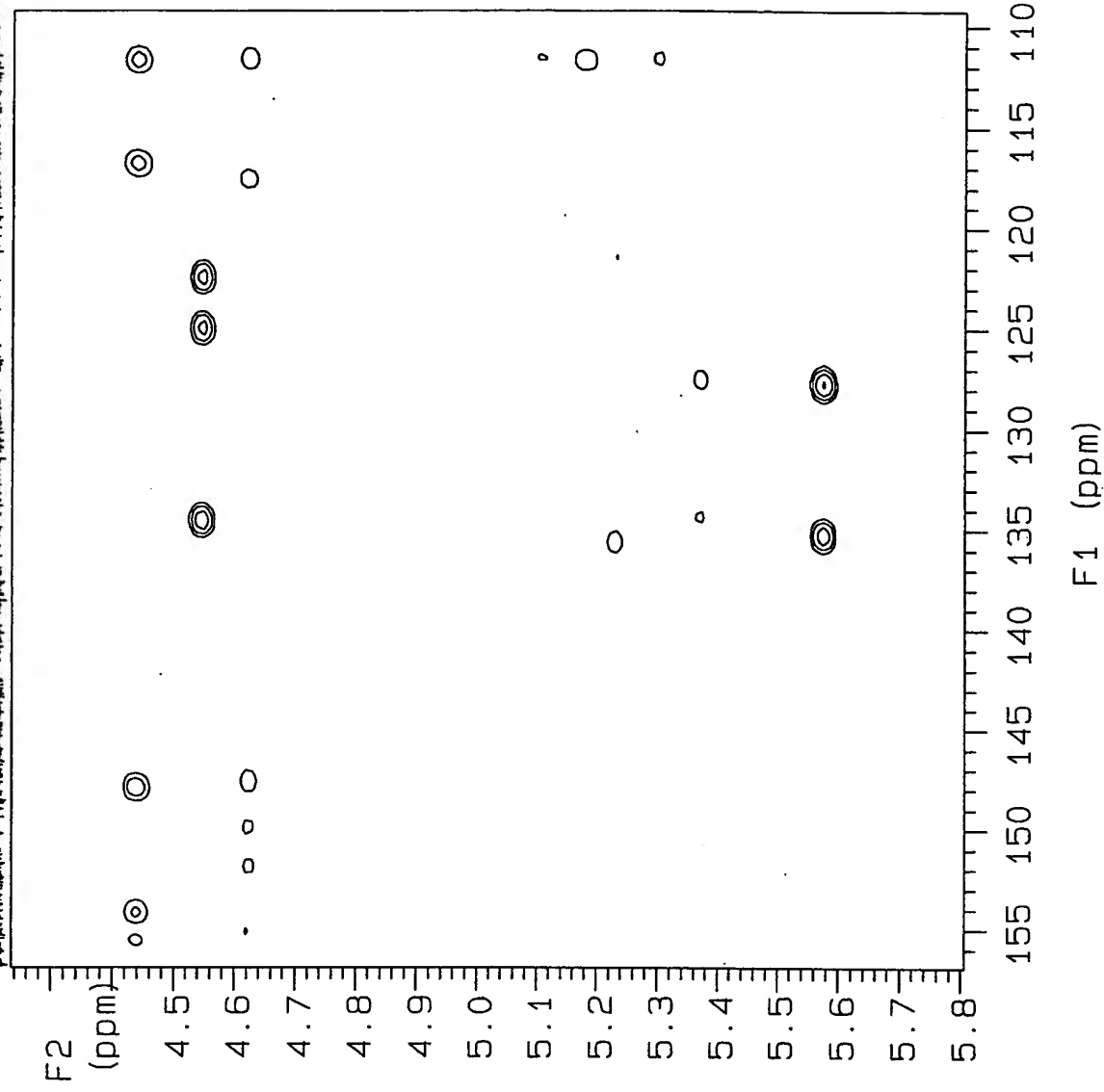
F1 DATA PROCESSING

Gauss apodization 0.011 sec

Sine bell 0.007 sec

FT size 2048 x 4096

Total time 18 hr, 23 min, 37 sec



P88-27-40a

Pulse Sequence: CIGAR

Solvent: CDCl₃

Temp. 25.0 C / 298.1 K

File: P88_27_40a_cigar

WORKSTATION "ganymede"

PULSE SEQUENCE: CIGAR

Relax. delay 1.000 sec

Acq. time 0.199 sec

Width 5144.4 Hz

2D Width 23529.4 Hz

192 repetitions

256 increments

OBSERVE H1, 499.7381577 MHz

DATA PROCESSING

Gauss apodization 0.100 sec

Sine bell 0.100 sec

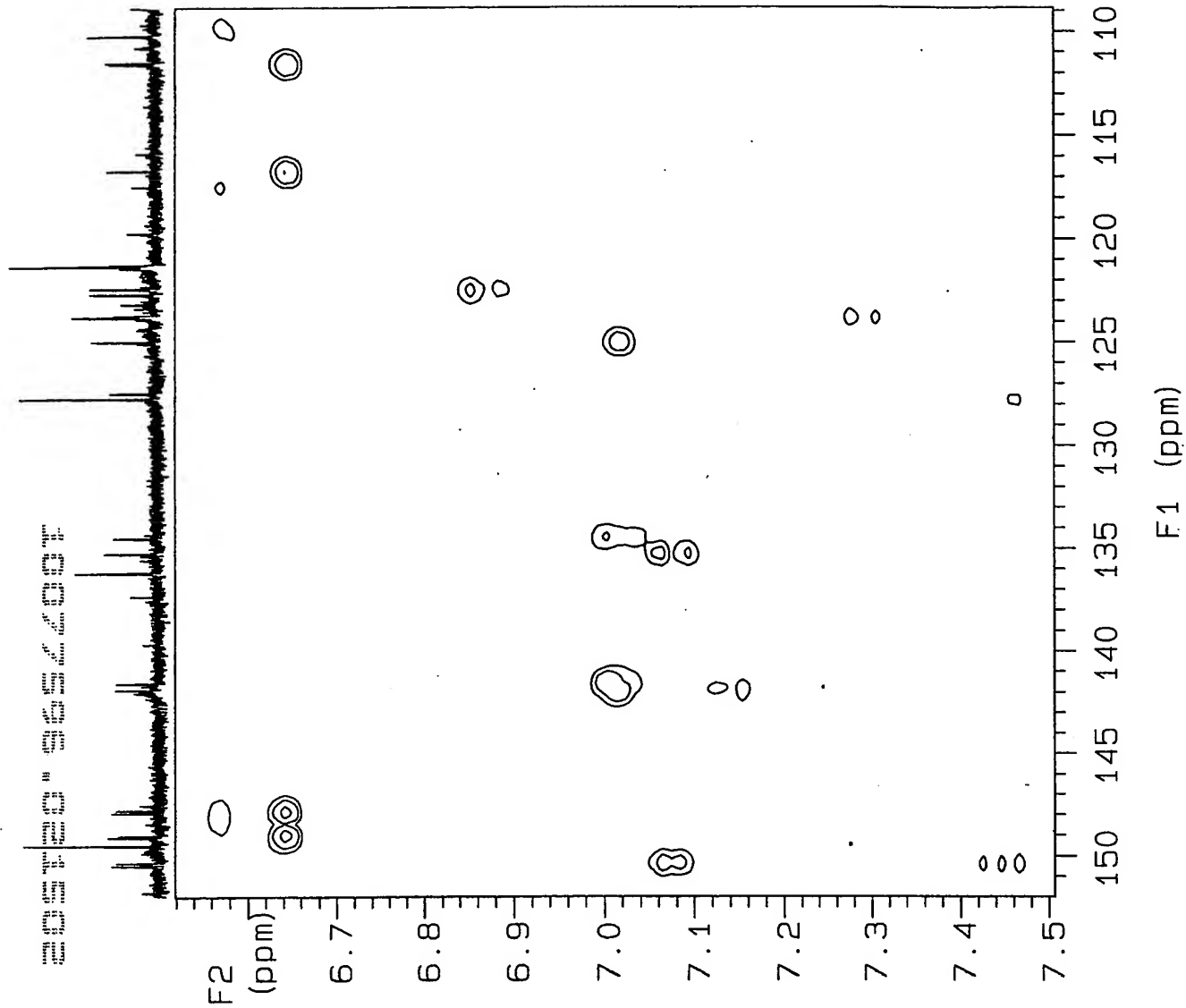
F1 DATA PROCESSING

Gauss apodization 0.011 sec

Sine bell 0.007 sec

FT size 2048 x 4096

Total time 18 hr, 23 min, 37 sec



F1 (ppm)

— FIGURE 53

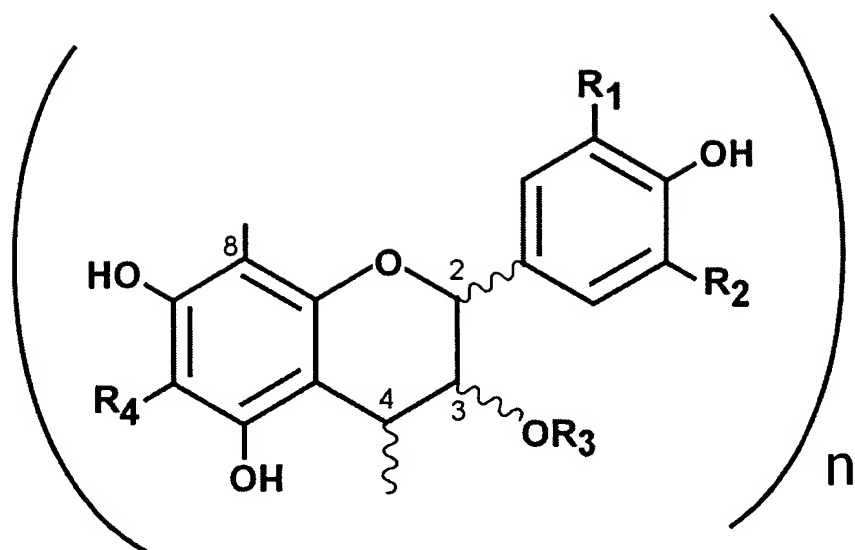


FIGURE 54

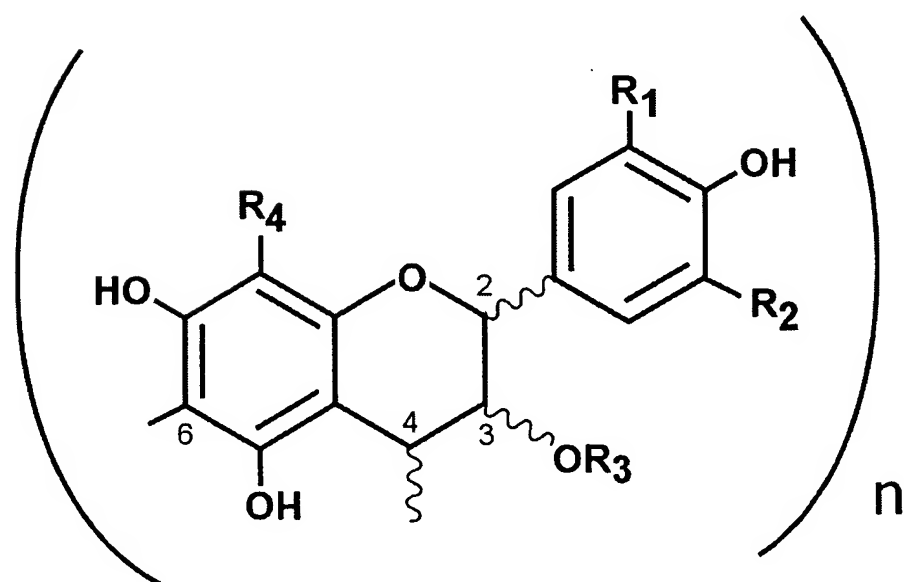


FIGURE 55

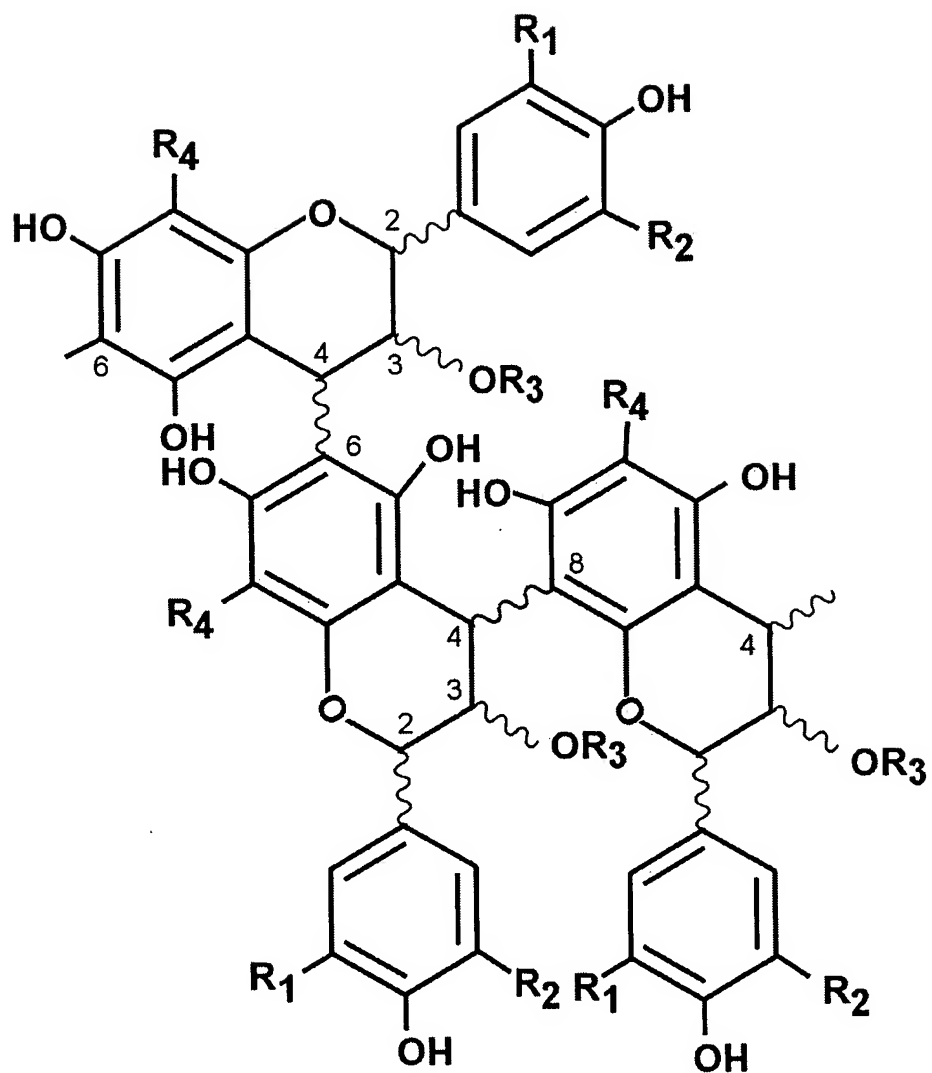


FIGURE 56

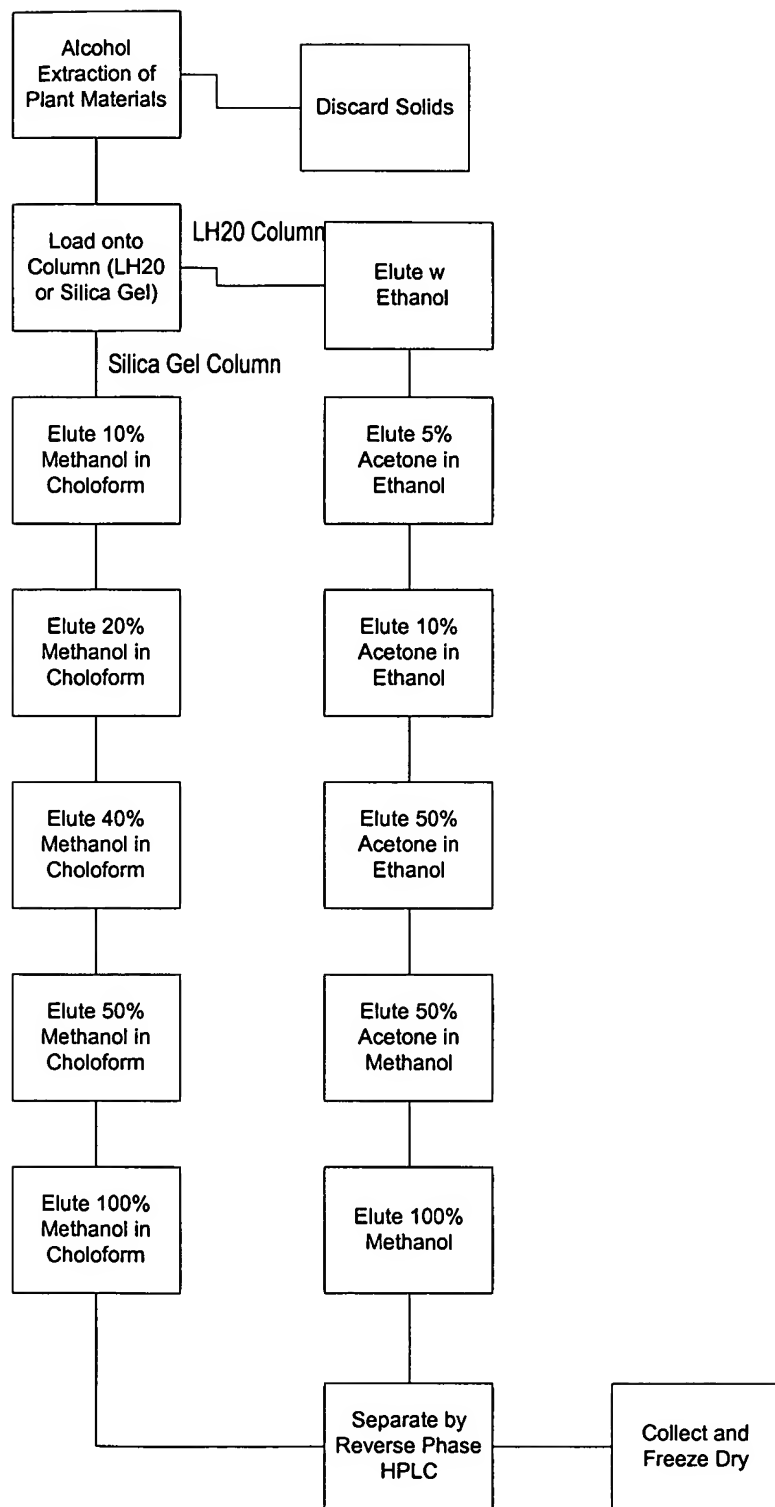


FIGURE 57